

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Hire to Retire Process in the Intelligent Enterprise

Instructors: Neetin Datar, Ralf Ackermann, Frank Bareis,
Arne Ludwig

This course was held from November 17 through December 16, 2020, and comprised 2-3 hours of learning effort.

Students learned about SAP's overall Intelligent Enterprise strategy and how it relates to Human Experience Management (HXM) and the end-to-end recruit-to-retain business process.

Walldorf, Germany, December 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

A First Step Towards SAP HANA Query Optimization

Instructors: Jin Yeon Lee, Helen Shin

This four-week online course was held from November 10 through December 16, 2020. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- SAP HANA Query Processing
- Column Search and Analysis Tools
- Methods for Query Performance Analysis
- Case Studies

Walldorf, Germany, December 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

How to Build Chatbots with SAP Conversational AI

Instructors: Sébastien Beghelli , Tim Janssen ,
Dhayabaran Jayaraman

This six-week online course was held from October 20 through December 9, 2020. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- General Introduction to SAP Conversational AI
- Train Your Chatbot
- Build Your Conversational Flows
- Connect Your Chatbot to Communication Channels
- Monitor the Usage of Your Chatbot
- Improve Your Development Landscape

Walldorf, Germany, December 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Confirmation of Participation

Joerg Roedle

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has participated in the following openHPI course:

Knowledge Graphs

by Prof. Dr. Harald Sack and Dr. Mehwish Alam

The 6-week course covered the following topics:

- Knowledge representation
- Ontologies
- Knowledge Graphs
- Semantics Web Technologies and Linked Data
- Querying RDF(S) using SPARQL
- Advanced Knowledge Graph applications

The participant qualified for this confirmation by accessing more than 50% of all learning material.

Potsdam, December 4, 2020

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Building Apps with the ABAP RESTful Application Programming Model

Instructors: Carine Tchoutouo Djomo, Andre Fischer,
Martin Huvar

This five-week online course was held from October 19 through December 1, 2020. It comprised 6-8 hours of learning effort per week.

The course covered the following topics:

- Introduction - ABAP RESTful Application Programming Model
- Developing a Read-Only List Report App
- Enabling the Transactional Behavior of an App
- Dealing with Existing Code
- Service Consumption and Web APIs

Walldorf, Germany, December 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Teilnahmebestätigung

Joerg Roedle

E-mail: roedle@gmx.net

hat an dem folgenden openSAP-Kurs teilgenommen:
Calliope mini in der Sekundarstufe I einsetzen

Der Onlinekurs wurde im Zeitraum vom 03. März 2020 bis 30. November 2020 angeboten. Er umfasste 3 Module und ein optionales Modul. Der Lernaufwand betrug 2 Stunden pro Modul.

Der Kurs behandelte die folgenden Themengebiete:

- Digitale Bildung mit dem Calliope mini
- Erste Schritte mit dem Calliope mini (optional)
- Einsatz im Unterricht
- Planung eines eigenen Projekts

Walldorf, Deutschland, 2020



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openSAP
open.sap.com

openSAP ist die SAP-Plattform
für offene Onlinekurse.

Confirmation of Participation

Joerg Roedle

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has participated in the following openHPI course:

Future of Computing - on the Road to Quantum

by Prof. Andreas Polze, Hildegard Gerhardy, and Dr. Wolfgang Maier

The 3-week course covered the following topics:

- Technology Trends (Artificial Intelligence, Coherent Interconnects, Energy-aware Computing)
- New System Architecture (Edge Computing, Hybrid Cloud)
- Quantum Computing (Area of Application, Programming, Security Implications)

The participant qualified for this confirmation by accessing more than 50% of all learning material.

Potsdam, November 28, 2020

Joerg Roedle

roedle@gmx.net

hat teilgenommen am folgenden openHPI-Kurs:

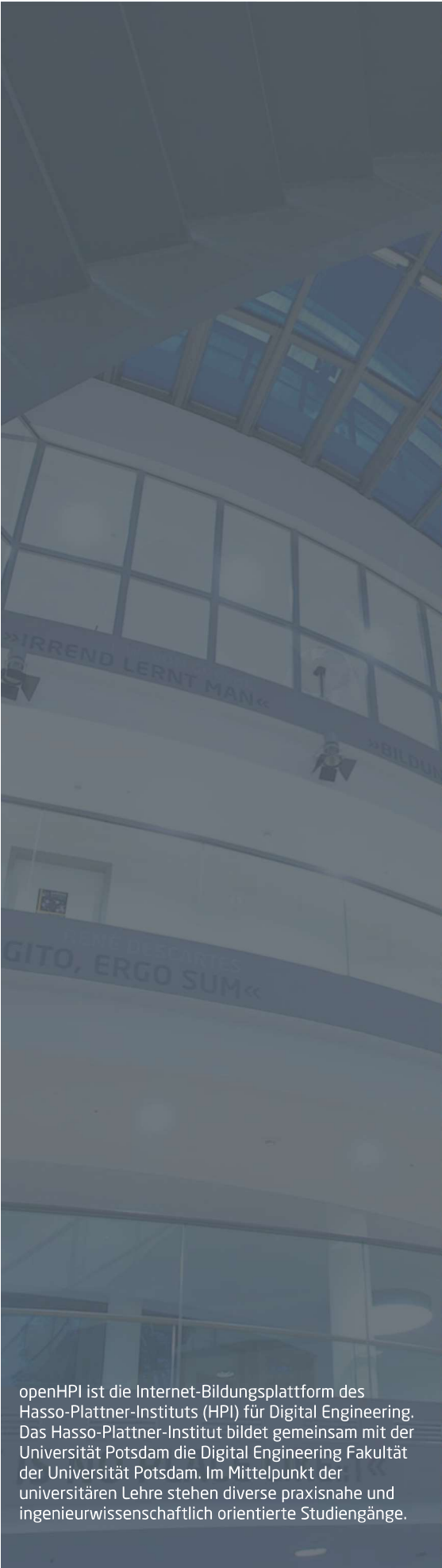
Programmieren lernen mit Python

von Kira Grammel, Nina Ihde, Selina Reinhard und Sebastian Serth

Der vierwöchige Kurs bestand aus den folgenden Inhalten:

- Grundkonzepte der Programmierung in Python
- Grafische Ausgaben mit der Turtle-Bibliothek
- Verzweigungen, Schleifen, Listen, Funktionen und Eingabe
- Entwicklung des Computerspielklassikers Snake
- Eigenständige Erarbeitung von komplexen Programmierlösungen

Durch den Zugriff auf mindestens 50% der Lernmaterialien hat der Teilnehmende die Voraussetzungen für den Erhalt dieser Bescheinigung erfüllt.



openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

Potsdam, 23. November 2020

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Human Experience Management (HXM) - The Next Phase of HR


Instructors: Steven T. Hunt, Benjamin Granger,
Robert Richardson, Steve Bennetts, Greg Selke,
Andy Shean, Emily Wilson, Marcus Wolf,
Susan Thomas, Patrick Ashamalla, Brett Addis

This three-week online course was held from October 13 through November 18, 2020. It comprised 2-3 hours of learning effort per week.

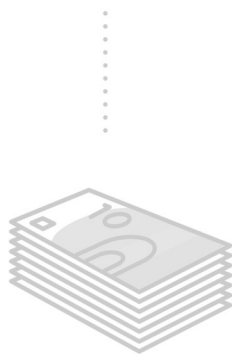
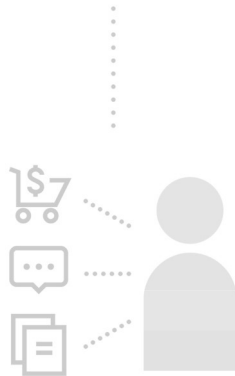
The course covered the following topics:

- The Core Elements of HXM
- Shaping & Managing Employee Experience
- Strategic Applications of HXM

Walldorf, Germany, November 2020



openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.



Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Delivering Value with Intelligent Innovations in SAP S/4HANA

Instructors: Yinan Zhang, Oren Shatil, Katharina Doerr,
Christian Vogler, Yongkang Ng

This course was held from October 19 through November 17, 2020, and comprised 2-3 hours of learning effort.

The course provided a solution overview of SAP S/4HANA and explained how to take an end-to-end business process view to achieve defined business outcomes using AI technologies. It shared guidance on how to start the journey of adopting artificial intelligence in SAP S/4HANA.

Walldorf, Germany, November 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Use SAP AI Business Services to Kick-Start Your Intelligent Processes

Instructors: Nadine Hoffmann, Jana Wuerth, Daniel Kwak

This three-week online course was held from October 14 through November 12, 2020. It comprised 2-3 hours of learning effort per week.

The course covered the following topics:

- Get Started with SAP AI Business Services
- Simplify Business Document Processing
- AI in Master Data Management & Invoice Processing

Walldorf, Germany, November 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

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has participated in the following openSAP course:

Get Started with Innovation Culture

Instructors: Matthias Langholz, Edda Mann, Holger Seubert,
Laura Mendoza, Andreas Hauser

This three-week online course was held from October 7 through November 5, 2020. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- Ready, Set, Go!
- Where and How Innovation Happens
- From Thinking to Doing

Waldorf, Germany, November 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:


Introduction to “Spartacus”

Instructors: Mateusz Ostafil, Louis Pierrestiger, Tobias Ouwejan

This course was held from September 30 through October 29, 2020, and comprised 2-3 hours of learning effort.

The course provided an introduction to “Spartacus” and how it can be used to build your own PWA storefront.

Walldorf, Germany, October 2020



openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

From

Media Computation

To

Data Science

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

From Media Computation to Data Science

Instructors: Jadga Huegle, Jens Moenig

This four-week online course was held from September 22 through October 28, 2020. It comprised 4-8 hours of learning effort per week.

The course covered the following topics:

- Examine – Building Blocks of Media
- Enumerate – Numbers Are Everywhere
- Transform – Higher-Order Functions
- Transfer – It's All Just Data

Walldorf, Germany, October 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Planning with SAP Analytics Cloud

Instructors: Holger Handel, Jeanne Bigonnet,
Christoph Tillmann, Chen Nee Faulhaber,
Derek Johnson, Kristian Ruemmelin

This five-week online course was held from September 15 through October 28, 2020. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- Core Planning Capabilities
- Advanced Planning
- Managing the Planning Process
- Predictive Planning
- Building Custom Planning Applications

Walldorf, Germany, October 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

SAP PLM in Process Industries

Leading Product Lifecycle Management experts from across SAP

This four-week online course was held from September 22 through October 28, 2020. It comprised 1.5-2 hours of learning effort per week.

The course covered the following topics:

- Introduction to PLM in Process Industries
- Idea and Concept Phase
- Collaborative Product Development
- Finalize and Hand Over Recipes

Waldorf, Germany, October 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Confirmation of Participation

Joerg Roedle

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has participated in the following openHPI event:

openHPI Forum 2020 Lessons Learned about Digital Education in Times of Crisis

offered by Prof. Dr. Christoph Meinel and the openHPI Team

The virtual symposium on digital education and MOOCs was structured as a 2-week online course with several live sessions and workshops.

It covered the following topics:

- Development of Online Learning due to Covid-19
- Future of Education
- Digital Learning and Teaching Experiences
- Insights from openSAP and OpenWHO
- Practical Digital Tools for Learning and Teaching

The participant qualified for this confirmation by accessing more than 50% of all learning material.

Potsdam, October 28, 2020

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

SAP Cloud ALM in a Nutshell

Instructor: Tonja Kehrer

This course was held from September 2 through October 28 2020, and comprised 2 hours of learning effort.

The course provided an introduction to SAP Cloud ALM including the the value, capabilities and the roadmap.

Walldorf, Germany, October 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

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has participated in the following openHPI course:

Mastering Design Thinking in Organizations

by Prof. Dr. Falk Uebernickel and Dr. Danielly de Paula

The 2-week course covered the following topics:

- A comprehensive overview of how Design Thinking is implemented in different organizations
- An understanding of how to implement, enact and embody Design Thinking in organizations based on successful cases
- How to support and empower employees to use Design Thinking to promote change
- How to measure and customize the process to account for business goals and organizational culture

The participant qualified for this confirmation by accessing more than 50% of all learning material.

Potsdam, October 21, 2020

Joerg Roedle

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has participated in the following openHPI course:

Computational Learning Theory and Beyond

by Karen Seidel

The 2-week course covered the following topics:

- Formalizing Binary Classification
- Integral Halfspaces, No-Free-Lunch-Theorem
- Learning Success (Explanatory)
- Learning by Enumeration (Occam's Razor)
- Minibatch/Iterative Learners versus Full-Batch Learners
- Constructive Iterative Learning Algorithm for the Set of Halfspaces
- Consistent Learning

The participant qualified for this confirmation by accessing more than 50% of all learning material.

Potsdam, October 18, 2020

Joerg Roedle

E-mail: roedle@gmx.net

has successfully completed the following openSAP course:

Guide Your SAP S/4HANA Project to Success

Featuring experts from the SAP S/4HANA Regional Implementation Group

This course was held September 9 through October 15, 2020 and comprised 4-5 hours of learning effort.

The course provided answers to commonly asked questions from customers during implementation projects when moving from SAP ERP to SAP S/4HANA and a basic understanding of the key topics when planning your journey to SAP S/4HANA and the importance of the new innovations.

Walldorf, Germany, October 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Confirmation of Participation

Joerg Roedle

roedle@gmx.net

has participated in the following openHPI course:

A Half Century of Internet: How it works today

by Prof. Dr. Christoph Meinel

The 6-week course covered the following topics:

- Digitalization of the World
- Computer Networks
- Network of Networks, internetworking, internet protocols
- Transport through the Internet
- Internet Applications
- Internet and Web Security

The participant qualified for this confirmation by accessing more than 50% of all learning material.

Potsdam, October 13, 2020

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Getting Started with SAP Model Company

Instructors: SAP Model Company Experts

This three-week online course was held from September 8 through October 7, 2020. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- SAP Model Company Fundamentals
- Deploying SAP Model Company
- Leveraging SAP Model Company in Your Projects

Walldorf, Germany, October 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Introduction to SAP Cloud Platform Extension Suite

Instructors: Martin Grasshoff, Karsten Strothmann

This course was held from September 7 through October 6, 2020, and comprised 3-6 hours of learning effort.

The course provided an introduction and insights into building extensions with SAP Cloud Platform Extension Suite.

Walldorf, Germany, October 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

hat erfolgreich bestanden:

Cybersecurity Basics - Prüfung

von Prof. Dr. Christoph Meinel

Die Prüfung bestand aus den folgenden Einheiten:

- Grundlagen der Kryptographie
- Verschlüsselung und digitale Signatur
- Identitätsmanagement
- Angriffe auf Identitäten und Passwörter
- Grundlagen verteilter Systeme im Kontext der Blockchain
- Sicherheit in der Blockchain

Gesamtergebnis

87.0 von 90.0 möglichen Punkten (96.7%)
Der Teilnehmer gehört zu den besten 5% dieses Kurses.


Prof. Dr. Christoph Meinel
openHPI Direktor



openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering gGmbH. Das HPI bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam.

Potsdam, 5. Oktober 2020

Online Verifizierung: <https://open.hpi.de/verify/xutop-cadus-nelel-cycet-narig>



Joerg Roedle

roedle@gmx.net

hat teilgenommen am folgenden openHPI-Kurs:

Digital Health für Einsteiger

von Prof. Dr. Erwin Böttinger, Prof. Dr. Bert Arnrich
und Prof. Dr. Christoph Lippert

Der zweiwöchige Kurs bestand aus den folgenden Inhalten:

- Digitale Gesundheitsdatensysteme & Elektronische Gesundheitsakten
- Prädiktive, präventive und personalisierte Medizin
- Connected Healthcare: Smartwatches und andere Gesundheitssensoren
- Sammlung gesundheitsrelevanter Daten im Alltag
- Grundlagen der Künstlichen Intelligenz in der Medizin
- Maschinelles Lernen & Deep Learning
- Risikofaktoren in der Künstlichen Intelligenz

Durch den Zugriff auf mindestens 50% der Lernmaterialien hat der Teilnehmende die Voraussetzungen für den Erhalt dieser Bescheinigung erfüllt.

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

Potsdam, 1. Oktober 2020

Joerg Roedle

roedle@gmx.net

hat teilgenommen am folgenden openHPI-Kurs:

Künstliche Intelligenz und maschinelles Lernen für Einsteiger

von Johannes Hötter und Christian Warmuth

Der vierwöchige Kurs bestand aus den folgenden Inhalten:

- Differenzierung von herkömmlicher Programmierung und selbstlernenden Programmen
- Abgrenzung von Fachbegriffen im Bereich künstliche Intelligenz
- Zentrale Konzepte und Modelle im Machine Learning
- Fokus auf Modelle und Techniken im Supervised Learning
- Chancen und Risiken sowie Ethik und Moral beim Einsatz von künstlicher Intelligenz

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openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre stehen diverse praxisnahe und ingenieurwissenschaftlich orientierte Studiengänge.

Potsdam, 30. September 2020

Thought Leaders

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP thought leaders course:

New Work and Purpose

Instructors: Prof. Dr. Laura Marie Edinger-Schons and
Manuel Kreitmeir

This five-week Thought Leaders course, created in cooperation with the University of Mannheim, Social Entrepreneurship BW, and Mannheim Business School, was held from June 30 through August 12, 2020. It comprised 2-4 hours of learning effort per week.

The course covered the following topics:

- Digitalization and Labor Markets
- Purpose and Meaningfulness
- Corporate Democracy
- Sustainability
- Social Entre-/Intrapreneurship

Walldorf, Germany, August 2020

Starter Kit

SAP Ariba 



openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

SAP Ariba Start Sourcing - Starter Kit

This course was held from June 16 through July 31, 2020, and comprised 2 hours of learning effort.

This starter kit course provided a step-by-step guidance on how to use the SAP Ariba Start Sourcing solution.

Walldorf, Germany, July 2020

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Routing in “Spartacus”

Instructor: Mateusz Ostafil

This course was held from June 16 through July 15, 2020, and comprised 2-3 hours of learning effort.

The course provided an introduction to the routing capabilities of Spartacus.

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Walldorf, Germany, July 2020

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

SAP Fiori Overview: Design, Develop and Deploy

SAP Fiori Experts

This four-week online course was held from June 09 through July 15, 2020. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- SAP Fiori Overview
- Designing SAP Fiori Apps
- Developing SAP Fiori Apps
- Managing SAP Fiori

Walldorf, Germany, July 2020



Joerg Roedle

roedle@gmx.net

hat teilgenommen am folgenden openHPI-Kurs:

Let's Git - Versionsverwaltung und OpenSource

von Caterina Mandel, Marc Rosenau, Leo Wendt, Sandro Speh, Til Schniese und Udo Pigorsch

Der vierwöchige Kurs bestand aus den folgenden Inhalten:

- Grundlagen von Versionsverwaltungssystemen
- Zustände von Git und das Git Datenmodell
- Erstellen von Repositories und Commits
- Arbeiten mit Remote Repositories
- Branchen und Mergen in Git, Umgang mit Merge-Konflikten
- Wiederherstellen von älteren Versionen mit Git
- Grundlagen von Open Source Software
- Workflow, Arbeiten und Teilnehmen bei Open Source Projekten

Durch den Zugriff auf mindestens 50% der Lernmaterialien hat der Teilnehmende die Voraussetzungen für den Erhalt dieser Bescheinigung erfüllt.

Joerg Roedle

roedle@gmx.net

hat teilgenommen am folgenden openHPI-Kurs:

Tatort Internet - Angriffsvektoren und Schutzmaßnahmen

von Prof. Dr. Christoph Meinel

Der sechswöchige Kurs bestand aus den folgenden Inhalten:

- Einführung in die Internetsicherheit
- Digitale Identitäten
- Malware
- Offenes Internet, Unsichere Transportwege
- Kryptographie
- Privacy in der Digitalen Welt

Durch den Zugriff auf mindestens 50% der Lernmaterialien hat der Teilnehmende die Voraussetzungen für den Erhalt dieser Bescheinigung erfüllt.

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering. Das Hasso-Plattner-Institut ist eine Fakultät der Universität Potsdam. Im Mittelpunkt der universitären Lehre steht der praxisnahe und ingenieurwissenschaftlich orientierte Studiengang IT-Systems Engineering.

Potsdam, 26. Juni 2020

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

An Introduction to Human Experience Management (HXM)

Instructors: Steven T. Hunt, Carolyn Beal, Jay Dorio

This course was held from May 26 through June 24, 2020, and comprised 2-3 hours of learning effort.

Students learned about what HXM is, why it matters, and how to apply it in organizations.

Walldorf, Germany, June 2020



Confirmation of Participation

Partner Course

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Introduction to SUSE Linux Enterprise Server (SLES)

Instructor: Craig Cole

This four week online course was held from May 5, through June 10, 2020. It comprised 2-3 hours of learning effort per week.

The course covered the following topics:

- Overview and Installation of SLES
- SLES Filesystem and Identity
- Software and Network Management
- Storage Administration and Shells

Walldorf, Germany, June 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.



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open.sap.com

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

What's New with Bot Building in SAP Intelligent RPA

Instructors: Jerome GRONDIN, Martin Jakubik, Moumita Bera,
Hanna Stellmach

This course was held from May 12 through June 10, 2020, and
comprised 4-5 hours of learning effort.

The course provided an overview of the latest updates to SAP
Intelligent Robotic Process Automation and insights into the
solution in trial mode.

Walldorf, Germany, June 2020

openSAP is SAP's platform for
open online courses. It supports
you in acquiring knowledge on
key topics for success in the SAP
ecosystem.



Joerg Roedle

roedle@gmx.net

has participated in the course:

Co-Innovation Journey for Startups and Corporates

June 9, 2020

corship
corporate
edupreneurship

FH JOANNEUM
University of Applied Sciences



bedo.i



Confirmation of Participation

The course covered the following topics:

Theoretical concept, relevance and potential of Co-Innovation

Different approaches to finding and assess an innovation partner

Various formats of Co-Innovation

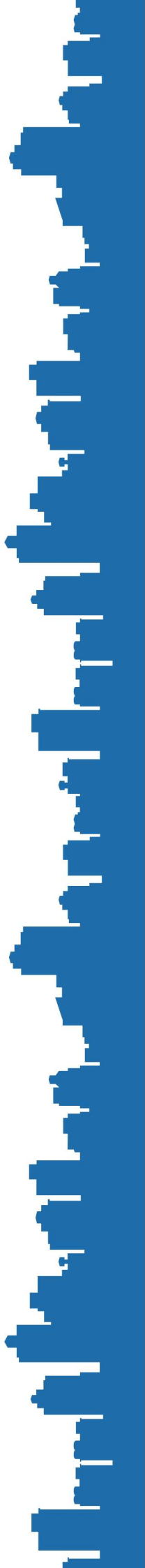
The corporate and the startup approach to Co-Innovation

Tools and techniques to overcome collaboration challenges and design a joint roadmap



Co-funded by the
Erasmus+ Programme
of the European Union

The course has been developed under the umbrella of the project „Corship - Knowledge Alliance to boost collaboration between Startups, Corporates and Universities with Innovative Training.“ (600899-EPP-1-2018-1-AT-EPPKA2-KA). The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

How to Deliver a Great User Experience with SAP S/4HANA

Instructors: Javier Giangrande, Shabeer Jameela

This three-week online course was held from May 4 through June 2, 2020. It comprised 4-6 hours of learning effort per week.

The course covered the following topics:

- Plan – SAP Fiori UX for SAP S/4HANA
- Deliver - SAP Fiori UX for SAP S/4HANA
- Innovate - Creating Intelligent UX

Walldorf, Germany, June 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Building Tomorrow's ERP with SAP S/4HANA

Thomas Saueressig, Jan Gilg and other SAP S/4HANA experts

This course was held from April 22 through May 28, 2020, and comprised 4-6 hours of learning effort.

In this course, various SAP S/4HANA experts gave a practical and actionable overview of how an intelligent ERP like SAP S/4HANA changes the way you can do business. The course focused on value and scope, integration, machine learning, user experience, and extensibility.

Walldorf, Germany, May 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Building Applications with SAP Cloud Application Programming Model

Instructor: Christian Georgi

This four-week online course was held from April 20 through May 26, 2020. It comprised 4-6 hours of learning effort per week.

The course covered the following topics:

- Introducing SAP Cloud Application Programming Model
- Development Tasks
- Add Enterprise Qualities
- Extend the Digital Core and Other Topics

Walldorf, Germany, May 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

How to Build Bots with SAP Intelligent Robotic Process Automation

Instructors: Alexandre Fortin, Samir Hamichi, Martin Jakubik,
Moumita Bera, Rosa Orihuela

This four-week online course was held from April 7 through May 7, 2020. It comprised 3-5 hours of learning effort per week.

The course covered the following topics:

- Introduction
- Development Phase I
- Development Phase II
- Further Topics

Walldorf, Germany, May 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

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has participated in the following openSAP course:

Migrating Your Business Data to SAP S/4HANA – New Implementation Scenario

Instructors: Kirstin Siebenmorgen, Heike Jensen,
Claudia Gemm, Kim Mathäß

This four-week online course was held from March 25 through April 30, 2020. It comprised 2-4 hours of learning effort per week.

The course covered the following topics:

- SAP S/4HANA Migration Cockpit
- Migration Object Modeler (File/Staging)
- SAP S/4HANA Migration Cockpit – Direct Transfer Approach
- Additional Migration Topics

Walldorf, Germany, April 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Confirmation of Participation

Thought Leaders

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP thought leaders course:

Enterprise Architecture in the Era of the Intelligent Enterprise

Instructors: Leading experts in the area of Enterprise Architecture

This two-week thought leaders course was held from March 31 through April 29, 2020. It comprised 3-4 hours of learning effort.

The course covered the following topics:

- Introduction to Enterprise Architecture (EA)
- Deep Dive into various EA related topics

Walldorf, Germany, April 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

hat teilgenommen an:

Wie gestalte ich meine eigene Homepage?

von Lisa Ihde, Amadeus Glöckner, Florian Schmidt

Der zweiwöchige Workshop bestand aus folgenden Einheiten:

- Grundlagen des Internets
- HTML und CSS
- Grundlagen des Internetrechts
- Verwendung von Bildern und Icons
- Grundlagen von Bootstrap, Javascript, Wordpress

Durch den Zugriff auf mindestens 50% der Lernmaterialien hat der Teilnehmer die Voraussetzung für den Erhalt dieser Bescheinigung erfüllt.

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Softwaresystemtechnik GmbH. Das Hasso-Plattner-Institut ist ein An-Institut der Universität Potsdam. Im Mittelpunkt der universitären Lehre steht der praxisnahe und ingenieurwissenschaftlich orientierte Studiengang IT-Systems Engineering.

Potsdam, 27. April 2020

Joerg Roedle

roedle@gmx.net

hat teilgenommen an:

Einführung in die Mathematik der Algorithmik

von Dr. Timo Kötzing, Dr. Pascal Lenzner, Dr. Thomas Bläsius, Karen Seidel

Der dreiwöchige Kurs bestand aus den folgenden Einheiten:

- Logische Aussagen, Junktoren und Quantoren
- Graphen und Matrizen
- Dijkstras Algorithmus und Datenstrukturen
- Googles PageRank-Algorithmus als Vektoriteration
- Laufzeitanalyse von Suchalgorithmen

Durch den Zugriff auf mindestens 50% der Lernmaterialien hat der Teilnehmer die Voraussetzung für den Erhalt dieser Bescheinigung erfüllt.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Implementing SAP S/4HANA Cloud with the Central Business Configuration Capability

Featuring experts from the SAP Central Business Configuration – Consumption Experience Team

This course was held from March 11 through April 16, 2020, and comprised 2-3 hours of learning effort.

The course provided an overview of the capabilities of SAP Central Business Configuration, the customer value it brings, which key features it comprises, and how it affects the implementation of SAP S/4HANA Cloud, essentials edition (formerly known as multi-tenant edition).

Walldorf, Germany, April 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

hat teilgenommen an:

Objektorientierte Programmierung in Java

von Christiane Hagedorn, Sebastian Serth und Thomas Staubitz

Der vierwöchige Kurs bestand aus den folgenden Inhalten:

- Variablen und grundlegende Programmstrukturen
- Eigenschaften von Klassen und Objekten
- Bedingungen, Schleifen und Arrays
- Sichtbarkeiten, Überladung und Vererbung
- Objektdatentypen und Typumwandlungen
- Java in der Praxis: interaktive Programmieraufgaben

Durch den Zugriff auf mindestens 50% der Lernmaterialien hat der Teilnehmer die Voraussetzung für den Erhalt dieser Bescheinigung erfüllt.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

The Internet of Things with SAP

Instructors: Elvira Wallis, Nir Rostoker, Subha Ramachandran,
Martin Ebert, Corinna Kramer, Dr. Frank Rambo,
David Yawalkar

This course was held from February 26 through March 26, 2020,
and comprised 2-3 hours of learning effort.

Students learned about industrial IoT solutions with a focus on
smart connected operations to create products and services
that improve business outcomes from connected things.

Walldorf, Germany, March 2020

openSAP is SAP's platform for
open online courses. It supports
you in acquiring knowledge on
key topics for success in the SAP
ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

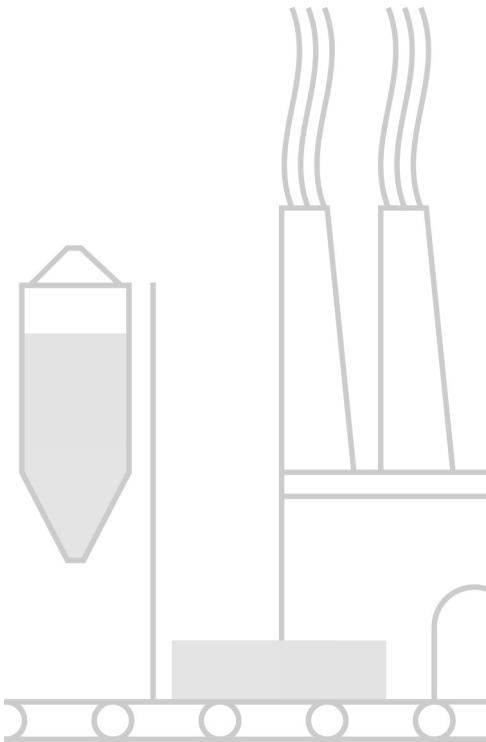
has participated in the following openSAP course:

Business Process Automation in SAP S/4HANA with SAP Intelligent RPA

Instructors: Yan Liang, Oren Shatil, Gerhard Welker,
Ulrich Hauke, Amitha Kamath

This online course was held from February 24 through March 24, 2020, and comprised 2-3 hours of learning effort.

The course provided a solution overview of how SAP Intelligent RPA technology works, how SAP Intelligent RPA can help within SAP S/4HANA, and how to adjust the bots to business needs.



Walldorf, Germany, March 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Intrapreneurship – Employee-Driven Innovation

Instructors: Christian Friedl, Agnieszka Zur, Thomas Neumann

This four-week online course was held from February 11 through March 18, 2020. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- Intrapreneurship and Its Potential
- Idea Identification and Assessment
- Challenges and Forming Coalitions
- Approaches and Tools for Intrapreneurs

Walldorf, Germany, March 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

SAP Data Intelligence for Enterprise AI

Instructors: Puntis Palazzolo and Matthias Sessler

This course was held from January 29 through March 5, 2020 and comprised 4-6 hours of learning effort.

The course provided an introduction to SAP Data Intelligence and explained how it manages complex data landscapes, builds scalable data pipelines, and provisions the entire data science process.

Walldorf, Germany, March 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Transform Your CRM with SAP C/4HANA Movement

Instructors: Holger Stiller, Nikhil Betigeri

This four-week online course was held from January 21 through February 26, 2020. It comprised 2-3 hours of learning effort per week.

The course covered the following topics:

- The SAP C/4HANA Movement Program
- SAP C/4HANA Key Capabilities and Processes
- The Case for Moving to SAP C/4HANA
- Making the Move

Walldorf, Germany, February 2020

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Joerg Roedle

roedle@gmx.net

hat teilgenommen am sechswöchigen Kurs:

Data Engineering und Data Science- Klarheit in den Schlagwort-Dschungel

von Prof. Dr. Felix Naumann

Der Kurs bestand aus den folgenden Einheiten

- Big Data und Data Science
- Skalierbares Datenmanagement
- Datenaufbereitung
- Informationsintegration
- Data Mining
- Text Mining
- Machine Learning

Durch den Zugriff auf mindestens 50% der Lernmaterialien hat der Teilnehmer die Voraussetzung für den Erhalt dieser Bescheinigung erfüllt.

openHPI ist die Internet-Bildungsplattform des Hasso-Plattner-Instituts (HPI) für Digital Engineering gGmbH. Das HPI bildet gemeinsam mit der Universität Potsdam die Digital Engineering Fakultät der Universität Potsdam.

Potsdam, 21. Februar 2020