

Joerg Roedle

roedle@gmx.net

Quantenalgorithmen und Implementierung - Teil 1

Kursleitung: Prof. Dr. Gerhard Hellstern

Laufzeit: 7.12. - 21.12.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Schaltkreismodell im Quantencomputing
- Quantensoftware, z.B. Qiskit
- Quantenalgorithmen für Teleportation und Dichte Kodierung
- Deutsch-, Deutsch-Jozsa- und Grover-Algorithmus

Potsdam, 15. Dezember 2022

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.

TEILNAHMEBESTÄTIGUNG

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Localization Toolkit for SAP Business ByDesign

Instructors: Experts from SAP Business ByDesign team

This four-week online course was held from November 14 through December 20, 2022. It comprised 4 hours of learning effort per week.

The course covered the following topics:

- Get Started with the Localization Toolkit
- Tax Calculation and Tax Reporting
- Generate a Custom Electronic File
- Introducing the Language Translation Tool

Walldorf, Germany, December 2022

openSAP is SAP's platform for massive 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:


Gain Technical Knowledge on SAP S/4HANA Cloud, Private Edition

Instructors: Experts from the SAP S/4HANA Customer Care & Regional Implementation Group

This online course was held from November 16 through December 15, 2022 and comprised 5-6 hours of learning effort.

In this course you learned about SAP S/4HANA Cloud, private edition and what you need to prepare and consider when moving your projects from on-premise to the cloud, or for new implementations in the cloud.

Walldorf, Germany, December 2022



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Quantenalgorithmen und Implementierung - Teil 1

Kursleitung: Prof. Dr. Gerhard Hellstern

Laufzeit: 7.12. - 21.12.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Schaltkreismodell im Quantencomputing
- Quantensoftware, z.B. Qiskit
- Quantenalgorithmen für Teleportation und Dichte Kodierung
- Deutsch-, Deutsch-Jozsa- und Grover-Algorithmus

Potsdam, 15. Dezember 2022

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TEILNAHMEBESTÄTIGUNG

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Crisis Management and Resilience

Instructors: Experts from SAP`s internal Global Crisis Management Team, SAP Technology & Solution Experts and Risk Experts from the World Economic Forum

This three-week online course was held from November 15 through December 14, 2022. It comprised 2-3 hours of learning effort per week.

The course covered the following topics:

- Manage Risks and Crisis
- Ensure Business Continuity
- Make Your Business Resilient with Technology

Walldorf, Germany, December 2022

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

Confirmation of Participation

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Avoid SAP S/4HANA Project Delays with Third-Party Systems Service Virtualization

Instructors: Michal Krawczyk, Marcin Galczynski, Mateusz Nowak, Michal Rohnka, Mateusz Adamus, Konstantinos Tsakalos, Michał Ibrom

This three-week online course was held from November 9 through December 8, 2022. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- Introduction to the SAP Project's tailored Service Virtualization
- Service Virtualization in Practice
- Service Virtualization Extended Use Cases

Waldorf, Germany, December 2022

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



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Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Facilitate Remote Collaboration Like a Pro

This course was held from November 8 through December 7, 2022, and comprised 4 hours of learning effort.

The course covered technologies to make remote meetings more engaging and human-centric and presented techniques to effectively prepare, plan, host, and conclude a remote session.

Walldorf, Germany, December 2022

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

Tatort Internet: Edition 2022

Kursleitung: Prof. Dr. Christoph Meinel

Laufzeit: 26.10.2022 - 14.12.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

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

Potsdam, 7. Dezember 2022

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.

TEILNAHMEBESTÄTIGUNG

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

New Employee Business Partner Model in SAP S/4HANA

Instructors: Experts from the SAP S/4HANA Regional
Implementation Group

This online course was held from November 2 through
December 1, 2022 and comprised 3 hours of learning
effort.

The course provided an introduction to
employee business partner master data in SAP S/4HANA
based on the new employee business partner model introduced
with SAP S/4HANA 2020, and included system demos to serve
as preparation for future SAP S/4HANA projects.

Walldorf, Germany, December 2022

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

Joerg Roedle

roedle@gmx.net

Quanteninformation und -kryptographie - Teil 2

Kursleitung: Prof. Dr. Jörg Hettel

Laufzeit: 9.11.2022 - 23.11.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemem:

- Zusammengesetzte Quantensysteme
- Verschränkung und Anwendung
- Kenngrößen einer Verschränkung
- CHSH-Ungleichung
- Ekert-Protokoll

Potsdam, 27. November 2022

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.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

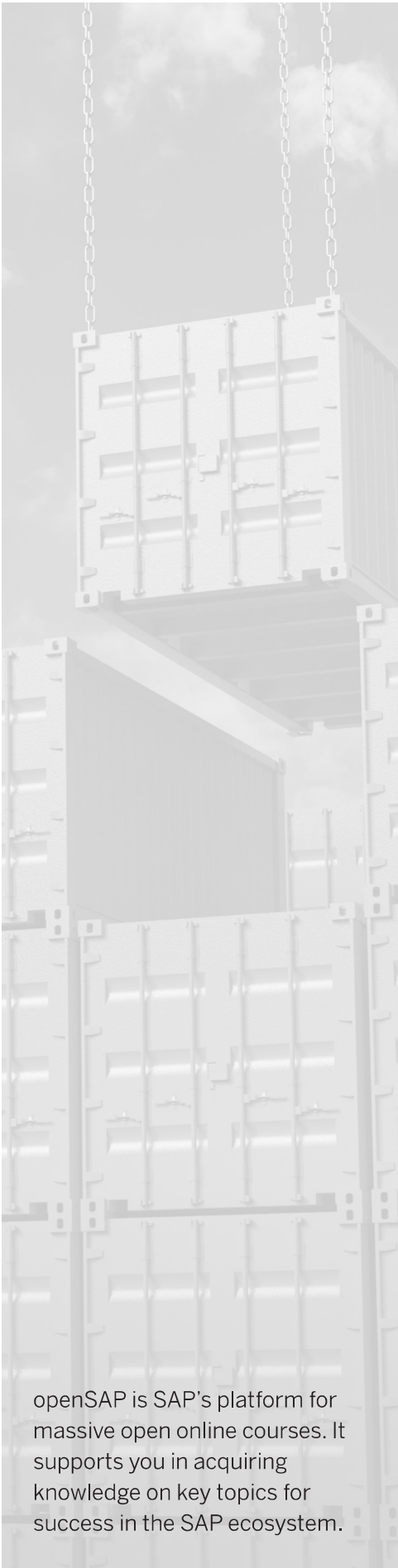
What Can Blockchain Do for You?

Instructor: Lloyd Keays

This four-week online course was held from October 18 through November 23, 2022. It comprised 3 hours of learning effort per week.

The course covered the following topics:

- What's Different About Blockchain?
- Cryptocurrencies and the Financial World.
- Digital Identity Under Your Full Control.
- Tokens and Decentralized Applications.



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

Waldorf, Germany, November 2022

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Insights into Selected Logistics Innovations in SAP S/4HANA

Instructors: Experts from the SAP S/4HANA Regional Implementation Group

This online course was held from October 12 through November 10, 2022, and comprised 5-8 hours of learning effort.

The course provided an overview of the latest innovations and new features and functions in the Logistics area in SAP S/4HANA for sales, sourcing, procurement, and supply chain.

Waldorf, Germany, November 2022

openSAP is SAP's platform for massive 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:

Working with Calculation Views in SAP HANA Cloud

Instructors: Jan Zwickel, Volker Saggau, Elisabeth Badino, Qian Li, Yves Augustin, Mohamed Ali Chriki

This four-week online course was held from September 28 through November 3, 2022. It comprised 4 hours of learning effort per week.

The course covered the following topics:

- Working Environment and Basic Concepts
- Using External Objects and Modeling Topics
- Performance Techniques
- Performance Deep-Dive and Migration

Walldorf, Germany, November 2022

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

Joerg Roedle

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Applied Edge AI: Deep Learning Outside of the Cloud

Teaching Team: PD Dr. Haojin Yang, Joseph Bethge

Duration:	07.09.2022 - 26.10.2022
Language:	English
Teaching form:	Online Course

Course Topics:

- Basics and history of neural networks
- Model compression techniques
- Binary neural networks
- Advanced edge AI concepts
- Federated learning and collaborative inference
- Coding in PyTorch, BITorch, and KubeEdge/Sedna

Potsdam, October 22, 2022

openHPI is the education platform of the Hasso Plattner Institute (HPI) for Digital Engineering. Together with the University of Potsdam, the Hasso Plattner Institute forms the Digital Engineering Faculty of the University of Potsdam. The university's teaching focuses on a variety of practical and engineering-oriented study programs.

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Adapting the UI in SAP S/4HANA Cloud Using SAP Screen Personas

Instructors: Peter Spielvogel, Katrin Polloczek, Kristis Magons,
Tamas Hoznek, Vadims Bondarenko, Mikhail Benderskiy,
Dominik Stork

This three-week online course was held from September 12 through October 11, 2022. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- Adapting Screens for Classic Apps in SAP S/4HANA
- Building Flavors and Adding Automation
- Enabling and Administering Business Roles
- Optional week: SAP Screen Personas in the Private Cloud Edition or On-Prem

Waldorf, Germany, October 2022

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

Dilip Theja Radhakrishnan

Dilip_Theja_Radhakrishnan@openhpi.de

born on: January 1, 2020

Introduction to Quantum Computing with Qiskit

Teaching Team: Dr. Elisa Bäumer and Carmen Recio Valcarce (IBM Quantum Research)

Duration: 21.09.2022 - 05.10.2022

Language: English

Teaching form: Online Course

Course Topics:

- Introduction to Qiskit and the IBM Quantum Services
- Running first quantum circuits with Qiskit
- Implementing the Deutsch-Jozsa algorithm and Grover's algorithm with Qiskit
- Applying measurement error mitigation

Potsdam, October 4, 2022

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Intelligent Automation for SAP Business ByDesign and SAP Business One

Instructors: Simona Marincei, Maciej Fuchs, Jérôme Grondin, Yousef Abouelnour, Hitesh Bindal, Peter Mego, Sergio Fernandez, Felix Gallenmüller

This online course was held from June 28 through August 10, 2022 and comprised 4-5 hours of learning effort.

The course provided an overview of intelligent automation for SAP Business ByDesign and SAP Business One and how it can help you speed up and simplify your business processes.

Walldorf, Germany, August 2022

openSAP is SAP's platform for massive 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 SuccessFactors Learning – Get Your Implementation Right!

Instructors: Francisco Lobato, Becky Walsh, Nick Rouvas, Edmond Vlandis, Anand 'Andy' Athanur, Smitha Kondajji, Karen Perez, Raviprakash Dhandapani

This three-week online course was held from June 21 through July 20, 2022. It comprised 2-3 hours of learning effort per week.

The course covered the following topics:

- Design an Effective Security Model
- Design a Sustainable System
- Leverage Integration Center for Connectors

Walldorf, Germany, July 2022

openSAP is SAP's platform for massive 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 Landscape Automation with Ansible & Red Hat Enterprise Linux

Instructors: Markus Koch; Ricardo Garcia Cavero

This two-week online course was held from June 28 through July 20, 2022. It comprised 4-6 hours of learning effort per week.

The course covered the following topics:

- Red Hat's Foundation and Automation for SAP
- Automated Deployment & Administration of SAP Systems

Walldorf, Germany, July 2022

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:

Digital Manufacturing

Instructors: John Parker, John Cohenour, Subanatarajan Subbiah, Thilo Sieth, Matthias Hollenders

This online course was held from June 21 through July 20, 2022. It comprised 2-3 hours of learning effort.

The course provided an introduction to the capabilities of SAP Digital Manufacturing, its key features and usage scenarios.

Walldorf, Germany, July 2022

openSAP is SAP's platform for massive 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:

Product Compliance in a Nutshell

Instructors: Ralf Coenning, Andrea Giessmann, Michael Mulder, Andreas Chudalla

This online course was held held from June 14 through July 13, 2022 and comprised 3 hours of learning effort.

The course provided an introduction to SAP S/4HANA for product compliance and explained how it can help manage regulatory requirements, track substances, assess supplier materials, classify products, and manage and ship compliance documents.

Walldorf, Germany, July 2022

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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Quanteninformation und -Kryptographie - Teil 1

Kursleitung: Prof. Dr. Jörg Hettel

Laufzeit: 15.06.2022 - 29.06.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Grundkonzepte der Kryptographie
- Kryptographische Verfahren
- Quantenphysikalische Grundlagen der Quantenkryptographie
- BB84 und verwandte Protokolle
- Rauschen, Fehlerkorrektur und Realisierung

Potsdam, 24. Juni 2022

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.

TEILNAHMEBESTÄTIGUNG

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Need SAP HANA Running 24/7? Challenge Accepted!

Instructor: Richard Mayne

This six-week online course was held from May 3 through June 22, 2022. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- Planning an SAP HANA SR HA Deployment
- SAP HANA Storage Requirements
- Deploy SAP HANA and Configure SR
- Configure the Cluster Resources
- Tune and Test the Cluster
- SAP HANA SR Monitoring Tools

Walldorf, Germany, June 2022

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

Dilip Theja Reddy

Dilip_Theja_Reddy@gmail.com

geboren am: 1. Januar 1, 2020

Einführung in das Quantencomputing - Teil 1

Kursleitung: Prof. Dr. Bettina Just

Laufzeit: 01.06.2022 - 14.06.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Grundkonzepte des Quantencomputing
- Unterschied zwischen logischem Bit und Quantenbit
- Quantenschaltkreise
- Quantenregister
- Quantengatter (Pauli-Z, Pauli-X, Hadamard, CNOT)
- Superposition und Verschränkung

Potsdam, 12. Dezember 2020

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.

Joerg Roedle

roedle@gmx.net

Programmieren lernen mit Python - Schulversion

Kursleitung: Kira Grammel, Nina Ihde, Selina Reinhard und Sebastian Serth

Laufzeit: 25.04.2022 - 26.06.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- 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

Potsdam, 10. Juni 2022

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Joerg Roedle

roedle@gmx.net

Objektorientierte Programmierung in Java - Schulversion

Kursleitung: Christiane Hagedorn, Sebastian Serth und Thomas Staubitz

Laufzeit: 25.04.2022 - 26.06.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Variablen und grundlegende Programmstrukturen
- Eigenschaften von Klassen und Objekten
- Bedingungen, Schleifen und Arrays
- Sichtbarkeiten, Überladung und Vererbung
- Objektdatentypen und Typumwandlungen

Potsdam, 10. Juni 2022

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TEILNAHMEBESTÄTIGUNG

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Leveraging SAP S/4HANA Cloud with SAP Central Business Configuration

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

This online course was held from May 3 through June 8, 2022, and comprised 4-6 hours of learning effort.

The course presents the capabilities of SAP Central Business Configuration, including the customer value it brings, the key features it includes, and how it supports the implementation of SAP S/4HANA Cloud.

Walldorf, Germany, June 2022

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:

Intelligent Spend Management Using SAP Concur

Content Experts: Nicole DaPron, Jacque Akers, Denise Roseberry, Connie Hoen, Aaron Stevens

This four-week online course was held from May 3 through June 8, 2022. It comprised 2 hours of learning effort per week.

The course covered the following topics:

- Manage Spend Before It Happens
- Capture Spend as It Happens
- Capture Spend Using Expense
- Process Spend After It Happens

Walldorf, Germany, June 2022

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:

Tips and Tricks for Recording Yourself at Home

Instructors: Lorna Richards, Miguel Caroli, Gabriel Tomescu

This online course was held from May 10 through June 07, 2022, and comprised 3-4 hours of learning effort.

The course provided practical tips on how to set up an own remote studio and how to present yourself in the best way possible when recording videos at home.

Walldorf, Germany, June 2022

openSAP is SAP's platform for massive 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 Analytics Cloud – Become an Augmented BI Expert

Instructors: SAP Analytics Cloud Experts

This five-week online course was held from April 19 through June 1, 2022. It comprised 3-4 hours of learning effort per week.

The course covered the following topics:

- Data Modeling
- Story Creation
- Story Creation and Analysis
- Augmented Analytics
- Analytic Applications

Walldorf, Germany, June 2022

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

Confirmation of Participation

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Python for Beginners

Instructors: Christian Drumm, Stephan Jacobs

This six-week online course (plus a preparation week) was held from April 5 through June 1, 2022.

It comprised 5-7 hours of learning effort per week.

The course covered the following topics:

- Python Fundamentals
- Lists and Loops
- Complex Data Types
- Reading and Writing Data
- Functions
- Libraries



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Walldorf, Germany, June 2022

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Joerg Roedle

roedle@gmx.net

Spieleentwicklung mit JavaScript: Flappy Bird

Kursleitung: HPI-Student Team für Javascript Flappy Bird

Laufzeit: 04.05.2022 - 01.06.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Einführung in JavaScript und HTML
- Grundlegende Konzepte der Spielentwicklung
- Grundlagen der objektorientierten Programmierung
- Zeichnen und Animieren mit dem Canvas
- Umsetzung einer Spielphysik (Kollisionserkennung, Bewegung)
- Implementierung eines eigenen Flappy Bird-Klons

Potsdam, 1. Juni 2022

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Joerg Roedle

roedle@gmx.net

Cloud-Computing für alle

Kursleitung: Prof. Dr. Christoph Meinel, Hendrik Steinbeck, Daniel Köhler

Laufzeit: 18.05.2022 - 01.06.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Entstehung, Möglichkeiten und Bedeutung des Cloud Computing
- Grundtechnologien für Cloud Computing: Internet, Web, Virtualisierung
- Unterschiedliche Typen der Cloud
- Verschiedene Nutzer der Cloud: Privatpersonen, Unternehmen, Verwaltung
- Anwendungsbeispiele von Cloud-Plattformen
- Risiken und Verantwortung beim Betrieb einer Cloud

Potsdam, 28. Mai 2022

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.

Joerg Roedle

roedle@gmx.net

Blockchain - Sicherheit auch ohne Trust Center

Kursleitung: Prof. Dr. Christoph Meinel

Laufzeit: 27.04.2022 - 11.05.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Zentralisierte und verteilte Systeme
- Konsistenz und Fehlermodelle in verteilten Systemen
- Problem der byzantinischen Generäle und Sybil-Angriff
- Sicherheit durch Nakamoto-Konsens
- Blockchain-Struktur am Beispiel vom Bitcoin-System
- Ethereum Smart Contracts

Potsdam, 4. Mai 2022

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.

TEILNAHMEBESTÄTIGUNG

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Ride the SAP HANA Wave: Fundamentals and Insights into Cloud Databases


Instructors: SAP HANA subject matter experts

This four-week online course was held from March 29 through April 27, 2022. It comprised 2 hours of learning effort per week.

The course covered the following topics:

- Introduction to SAP HANA
- Data Integration and Modeling
- Architecture and Admin
- Advanced Topics (Optional Course Week)

Walldorf, Germany, April 2022



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

Sustainable Software Engineering

Teaching Team: Mathias Renner, Ferdinand Mütsch, Johannes Rudolph, Robin Lamberti

Duration: 30.03.2022 - 13.04.2022
Language: English
Teaching form: Online Course

Course Topics:

- CO2 savings with IT & CO2 consumption caused by IT
- Responsibilities of relevant roles in sustainable software engineering
- Barriers and solution strategies for sustainable digitalization
- Software & system architecture
- Data structures & computational complexity
- Storage, network & caching techniques

Potsdam, April 19, 2022

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Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

DevOps for ABAP with gCTS in SAP S/4HANA

Instructor/s: Featuring experts from the gCTS team

This 5-week online course was held from March 7 through April 19, 2022. It comprised 5-6 hours of learning effort per week.

The course covered the following topics:

- gCTS Basics and Preparation
- Use gCTS Basics
- Leverage Git Capabilities in ABAP
- Tailor gCTS to Your Needs
- gCTS in CI/CD Processes

Walldorf, Germany, April 2022

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

Programmieren mit R für Einsteiger

Kursleitung: Berry Boessenkool, Prof. Dr. Bert Arnrich, Pia Francesca Rissom

Laufzeit: 16.03.2022 - 14.04.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Nutzung von R/RStudio, Datentypen und Funktionen
- Grundlagen der Logik und Statistik
- Indizierung von Tabellen, Anwendung von Funktionen auf Spalten und Zeilen
- Einlesen von Dateien, Zusammenführung von Daten, Fehldatenmanagement
- Erstellung grundlegender Grafiken (Punkt-, Linien- und Balkendiagramme)
- Visualisierung von Verteilungen, Komposition und Export von Grafiken

Potsdam, 8. April 2022

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.

Confirmation of Participation

Partner Course

Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Say Goodbye to Downtime with SUSE Linux Enterprise Server

Instructor: Richard Mayne

This five week online course was held from February 1 through March 16, 2022. It comprised 4-6 hours of learning effort per week.

The course covered the following topics:

- Prepare to Deploy the High Availability Extension
- Deploy and Manage a Cluster
- Create Cluster Resources
- Cluster Constraints and Storage
- Shared Storage and Access Control Lists

Walldorf, Germany, March 2022

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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Joerg Roedle

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has participated in the following openSAP course:

Manage Your External Workforce Program with SAP Fieldglass

Instructors: Nicole Scotland-Hall, Daniela Malveiro, Summer Donnelly

This online course was held during the period February 14, 2022 through March 15, 2022 and comprised 2-3 hours of learning effort.

The course provided the basic knowledge needed to understand the concept, purpose, and importance of a program management office (PMO) for an external workforce program.

Walldorf, Germany, March 2022

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

Linux in der Kommandozeile

Kursleitung: HPI-Student Team für Linux

Laufzeit: 09.02.2022 - 02.03.2022

Sprache: Deutsch

Lehrform: Online-Kurs

Kursthemen:

- Grundlagen der Navigation in der Linux-Kommandozeile
- Wichtige Programme zur Manipulation von Dateien und Ordnern
- Nutzung von Filtern und Pipes
- Kennenlernen von wichtigen interaktiven Konsolenanwendungen

Potsdam, 12. März 2022

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Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Facilitate Remote Collaboration Like a Pro

This course was held from February 1 through March 2, 2022, and comprised 4 hours of learning effort.

The course covered technologies to make remote meetings more engaging and human-centric and presented techniques to effectively prepare, plan, host, and conclude a remote session.

Walldorf, Germany, March 2022

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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Cyberthreats by Malware

Teaching Team: Prof. Dr. Christoph Meinel

Duration: 16.02.2022 - 02.03.2022
Language: English
Teaching form: Online Course

Course Topics:

- Internet as an attack target
- General differentiation of Malware
- Underlying reasons making Malware possible
- How does Malware spread?
- Different kinds of Malware - Ransomware, Keylogger, Adware & Scareware
- Protective measures against Malware

Potsdam, February 24, 2022

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Joerg Roedle

E-mail: roedle@gmx.net

has participated in the following openSAP course:

Enable Users in Multilingual Business with SAP Translation Hub

Instructors: Thomas Wienold, Gesine Stanienda, Marcus Danei, Ana Medina, Sanket Sirohiya, Perry Stinson, Beatrice Pasch

This online course was held from January 18 through February 23, 2022. It comprised 3 hours of learning effort.

The course provided an introduction to the capabilities of SAP Translation Hub, its key features, and usage scenarios.

Walldorf, Germany, February 2022

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:

This Is SAP Fieldglass (Update Q1/2022)

Instructors: SAP Fieldglass Experts

This online course was held from January 24 through February 22, 2022 and comprised 2-3 hours of learning effort.

The course provided a solution overview of SAP's vendor management system that simplifies the process of procuring, managing, and optimizing flexible workforces.

Walldorf, Germany, February 2022

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:

Hire to Retire – Strategy, Implementation, and Operations

Featuring experts from SAP holistic HR strategy

This three-week online course was held from January 18 through February 16, 2022. It comprised 2-3 hours of learning effort per week.

The course covered the following topics:

- Strategy and Innovations
- Innovations in the Hire to Retire Process
- Implement and Operate Hire to Retire

Waldorf, Germany, February 2022

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

Digital Identities

Teaching Team: Prof. Dr. Christoph Meinel

Duration:	02.02.2022 - 16.02.2022
Language:	English
Teaching form:	Online Course

Course Topics:

- Introduction and definition of Identities
- Types of Identity management
- Technologies, protocols, standards for Identity management
- Authentication of Identities
- Attacks on Identities
- Password security

Potsdam, February 10, 2022

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Joerg Roedle

roedle@gmx.net

Confidential Communication in the Internet

Teaching Team: Prof. Dr. Christoph Meinel

Duration: 19.01.2022 - 02.02.2022
Language: English
Teaching form: Online Course

Course Topics:

- Security goals on the Internet
- Basics of symmetric and asymmetric cryptography
- Advantages and disadvantages of encryption techniques
- Crypto protocols for signature and encryption
- Trust models and Public Key infrastructures (PKIs)
- Digital certificates

Potsdam, January 27, 2022

openHPI is the education platform of the Hasso Plattner Institute (HPI) for Digital Engineering. Together with the University of Potsdam, the Hasso Plattner Institute forms the Digital Engineering Faculty of the University of Potsdam. The university's teaching focuses on a variety of practical and engineering-oriented study programs.