

JÉRÔME GRAF

Education

Ph.D. Candidate in Informatics

Università della Svizzera italiana (USI) | 2023 - Present

Pursuing a Ph.D. degree in the field of distributed network monitoring

M.Sc. Business Informatics

University of Mannheim | 2020 - 2023

Grade: 1.3

Master Thesis: "Evaluating the Improvement of Data Center Resource Scheduling through Workload Prediction of VMs" (Grade 1.3)

Semester abroad at the Norwegian University of Science and Technology

B.Sc. Business Informatics

Baden-Württemberg Corporate State University Mannheim | 2017 - 2020

Grade: 1.3

Bachelor Thesis: "Prediction of univariate time series to support an intelligent charge management system in the context of electromobility" (Grade 1.0)

Abitur (general qualification for university entrance)

Albert-Schweitzer-Gymnasium, Kaiserslautern | 2008 - 2017

Grade: 2.1

Work Experiences

Associate Developer for Cloud Optimization

SAP SE, Walldorf | Jun 2021 - Present

As a developer in the GCS Innovation Office, I work on developing a service for data centers, optimizing their resource allocation. During my master thesis on the combination of workload prediction with load balancing, I utilized a self-developed discrete-event simulator.

Associate Management Assistant

SAP SE, Walldorf | May 2020 - May 2021

As member of the Database Management Office I supported the head of database and his leadership team with operations and projects.

Associate Developer for different topics

SAP SE, Walldorf | Sep 2017 - April 2020

As a dual bachelor student I supported different departments in alternating phases, mainly focusing on development tasks with a focus on the topics Frontend and Machine Learning.

Other Experiences

Initiative Digital Transformation (IDT)

SAP SE, Walldorf | May 2019 - Dec 2019

I supported the supervisory board member Gerd Oswald with his IDT-Project and his teaching assignment at the TU Munich with Prof. Dr. Helmut Krcmar. This included the preparation of content for lectures.

Team Project "Adaptive E-Learning Platform"

University of Mannheim | Apr 2021 - Oct 2021

As part of my master studies, I worked on a Adaptive E-Learning Platform. Working with an agile project management approach I learned a lot about development with Docker, JavaScript and the Node.js framework.

Personal Details

Date of birth

17.12.1997

Address

M4 7
68161 Mannheim
Germany

Nationality

German

Contact

☎ +49 15751353618

✉ graf.jerome@yahoo.de

Language Skills

German - Mother tongue

English - C1

General Skills

Proficiency in the Microsoft Office Suite

Powerpoint, Excel, Word

Programming skills

Python, C++, JavaScript, R, Java, SQL, PHP

Agile software development

SCRUM

Organization

Course representative at the Baden-Württemberg Corporate State University Mannheim

Publication

Data-driven smart charging for heterogeneous electric vehicle fleets (2020)

DOI:

10.1016/j.egyai.2020.100007 