

Antonia Alice Frey

SOFTWARE CLOUD ENGINEER

☎ +49 15146782868 | ✉ Antonia.Frey@outlook.com | 🏠 antonia-frey.com | 📺 thisisfrey | 🌐 aaf1

"I like my code the way I like skiing: fluent, precise and fast."



Summary

Software engineer with a Master's degree in Electrical Engineering and three years of experience as a technical consultant in IT, specializing in frontend development, cloud and business analytics. Passionate about programming and open to learning new technologies. Dedicated to delivering innovative solutions and in devising a better problem-solving method for challenging tasks, and learning new technologies.

Experience

Devoteam

Frankfurt, Germany · Remote

SOFTWARE ENGINEER · IT CONSULTANT

Since February 2022

- Development of a CRUD dashboard and a PWA to manage energy and water meters with ReactTS
- Development of a technology radar for visualization and categorization of different technologies in the field of IT with VueTS
- Development of software to complement the CLI tool for network configuration with VueJS
- Test automation with Cypress (and Cucumber) and unit testing with Jest, integration in Gitlabs CI/CD pipeline
- Communication with the backend using REST APIs, Google Maps API and implementation of MongoDB database

ELCA Informatique SA

Granada, Spain

SYSTEM ENGINEER

Jan. 2021 - Jan. 2022

- Automation of processes and implementation of new functionality in the ERP software with Python
- Adaptation and debugging of scripts to create business reports with Python and VBA
- Database queries with SQL (MySQL and Oracle) to verify correctness of data
- Business analysis for new features, writing user stories and acceptance criteria
- Organization of client meetings with clients in Switzerland and Spanish, German and French speaking colleagues

Intel Labs

Karlsruhe, Germany

SOFTWARE ENGINEER (INTERNSHIP)

Aug. 2019 - Jan. 2020

- Automotive software development for an open-source simulator (CARLA.org) for autonomous driving research
- Programming traffic scenarios which describe traffic situations and vehicle behaviors like a lane change
- Implementing unsupported Parser features as well as testing and debugging existing bugs

BMW M

Munich, Germany

SYSTEM ENGINEER (INTERNSHIP)

Sep. 2018 - Feb. 2019

- Developing a windows desktop app with C# to automatically translate bus communication protocols from LIN to CAN and vice versa
- Test drives for antenna measurements in disguised prototype cars
- Organization of the annual tire change in accordance with the vehicle booking and mechanics

Education

Karlsruhe Institute of Technology (KIT)

Karlsruhe, Germany

MASTER OF SCIENCE, ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY

2018 - 2020

- Area of specialization: Systems Engineering