Antonia Alice **Frey**

SOFTWARE ENGINEER

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

Education

Karlsruhe Institute of Technology (KIT)   *Karlsruhe, Germany*

MASTER OF SCIENCE, ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY   *2018 - 2020*

- Specialization: Systems Engineering

Skills

Programming	Python, TypeScript, JavaScript, C++, Java
Frontend	React, Vue, Angular, Redux, MUI, Bootstrap, PrimeVue, Figma, Styled Components
Backend	Node.js, REST, SQL, MongoDB / Atlas
Testing	Cypress (Cucumber), Jest
DevOps	CI/CD Pipelining, Netlify, Postman, Docker
Cloud	AWS, Google, Firebase
Tools	Git (GitHub/Gitlab), Jira
Languages	German (C2), English (C1), Spanish (C1), French (B1)

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

Certificates

2022	**Professional Scrum Master I,**	Scrum.org
2019	**C1 Advanced,**	Cambridge English