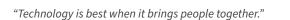
Antonia Alice Frey

🛘 +49 15146782868 | 💌 Antonia.Frey@outlook.com | 🏕 Homepage | 🖸 thebughuntress | 🛅 antonia-alice-frey





Education

Karlsruhe Institute of Technology (KIT)

Karlsruhe, Germany

2018 - 2020

MASTER OF SCIENCE, ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY

· Specialization: Systems Engineering

Skills

Programming Python, TypeScript, JavaScript, Java

Frontend React, Vue, Angular, Material UI, Tailwind CSS, Bootstrap

Backend Python Django, NodeJS, SQL, MongoDB / Atlas

Cloud EC2, S3, Cloud Functions, Firebase

Testing Java/Selenium, Postman (API testing), Cypress with Cucumber, Jest

Agile SCRUM, Jira, Confluence, Git, CI/CD Pipelines **Languages** German (C2), English (C1), Spanish (C1), French (B1)

Experience

Devoteam Frankfurt, Germany · Remote

SOFTWARE ENGINEER · IT CONSULTANT

Since February 2022

- · Development of applications, leveraging cloud technologies, alongside creating web applications for data visualization using modern frameworks like React, Vue, Angular and JavaScript/TypeScript.
- · Test automation with Java/Selenium, Cypress and unit testing with Jest, integration in Gitlabs CI/CD pipeline

ELCA Informatique SA

Granada, Spain · Switzerland

JUNIOR PYTHON PROGRAMMER · SYSTEM ANALYST

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
- · Performing business analysis for new features, drafting user stories and acceptance criteria, and coordinating client meetings with stakeholders in Switzerland while collaborating within an international team comprising 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

- Creating traffic scenarios which describe traffic situations and vehicle behaviors like a lane change (with Python)
- Debugging, testing, and implementing unsupported Parser features

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

- 2025 ISTQB Certified Tester Foundation Level (CTFL), atsqa.org
- 2024 Professional Python Programmer Level 1 (PCPP1), pythoninstitute.org
- 2023 **AWS Certified Cloud Practitioner**, Amazon
- 2023 Google Cloud Engineer, Google
- 2023 **Google Cloud Digital Leader**, Google
- 2022 Professional Scrum Master I, Scrum.org