Felix Schlösser
Junior Software Engineer / DevOps

HOMEPAGE   LINKEDIN

mail@felixschloesser.de
Wolfgangsweg 14, Hamburg
+49 15152568368

Experience

TU-Hamburg (AStA)   2020 – 2023
Full Stack Web Developer and Sysadmin
Developed a custom CMS backend and frontend, as well as internal CRUD web applications. Operated several on-premises services on virtual machines using Ansible; including observability metrics and alerting.

Django, Wagtail CMS, Pretix Ticketing, Bookstack Wiki

TU-Hamburg (Secure Cyberphysical Systems)   2023
Tutor: Python for Data Analysis
Taught weekly classes for up to 20 students. Topics included everything from algorithms to data analysis, visualization and machine learning.

pandas, matplotlib, scikit-learn

TU-Hamburg (Communication Networks)   2018-2023
Tutor: Computer Networks & Internet Security
Developed and taught weekly Rasberry Pi based labs for up to 25 students. Topics included the OSI model, network programming and IP, TLS and DNS security.

Tutor Lehrpreis 2020, Raspberry Pi, wireshark, netem

TM Rescue Respiration UG (Hamburg, Germany)   2020-2022
User Interface Developer for a Medical Device
Designed, development and deployment of a graphical user interface for a open hardware ventilator, created by a team of volunteers. Financed by the German Federal Government and certified by TÜV-Süd for manufacturing in newly industrialized countries.

V-Modell, Model-View-Presenter, pyqt5, tkinter

Rongheng Information Technology Co. (Shanghai, China)   2019
Internship: Computer Vision based Inspection
Research and early development of a computer vision based industrial quality control system to identify defects in glossy, curved surface, metal parts. Creation a capture setup and a dataset of 1000+ images. Development of a containerized jupyter notebook based prototype using edge detection and morphological operations for feature extraction.

SCRUM, docker, jupter, scikit-image

Education

Technische Universität Hamburg   2016-Present
Computer Science (B.Sc.)

Université de Technology de Compiegne (France)   2022
Erasmus+ Exchange

ISI Language School (Tokyo, Japan)   2015-2016
Asian Languages and Culture Certificate

Pater Damian Sekundarschule (Eupen, Belgium)   2009-2015
Abitur

Skills

Python   *advanced*
Web Backend, GUI, Data Analysis, ML

Linux Admin   *intermediate*
Ansible, vSphere, GitLab, grafana

DB Admin   *intermediate*
Postgresql, MySql, Redis

Rust   *intermediate*
Personal Projects

Haskell   *basic*
University Projects

JavaScript   *basic*
Web Frontend

Soft Skills

Teamwork & Communication
- First Chair of the board of student representatives (AStA)
- NGO volunteering
- Scout Leader

Languages
- German   *native*
- English   *C2*
- French   *C1*
- Japanese   *JLPT N4*

Thesis

A LINDDUN-driven Approach
Privacy Threats in Exposure Notification Protocols
Extracted a dataset of privacy threats from previous Literature, created a DFD model and used the LINDDUN threat trees to elecit privacy threats.
Enabeled the identification of novel privacy threats and provided insights into the effectiveness of the LINDDUN and DFDs for distributed software systems.

Supervisors: *Dr. Nicolás Díaz Ferreyra, Prof. Dr. Riccardo Scandariato*