Fabian Rensing

Computer Science Master Student

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Currently
Computer science master student at University of Helsinki.

About
As a student of computer science, I am dedicated to find innovative solutions and work on technologies that simplify life. Working in a team with people from various backgrounds is important to me, as the best progress can only come from diverse collaboration. My experience ranges from working in companies and research groups to organizing holiday camps for children. In my studies and work I excell in analytical problem-solving thinking and being able to explain complex concepts both in technical and simplified terms.

Education

M.S., Computer Science University of Helsinki — Sep 2022 - now
- GPA 4.56, Expected Graduation 2024
- Software Track

Erasmus Exchange Semester University of Helsinki — Aug 2020 - Dec 2020

B.S., Computer Science Paderborn University — Oct 2018 - Aug 2022
- GPA 1.7 (German scale)
- Business informatics minor

Experience

Student Staff Data Science Group (DICE) — Aug 2022 - Oct 2022
- Continuing development of open-source benchmark platform BASILISK
- Design and implement rework of core functionality for open-source benchmark framework IGUANA

Student Staff Fraunhofer IEM — Mar 2021 - Aug 2022
- Feature development for open-source IdP KeyRock, design of corporate design and deployment and configuration of internal test instance
- Setup and configuration of Jupyter Hub instance using Docker and Kubernetes for internal use by colleagues

Tutor Course Data Structures and Algorithms at UPB — Apr 2020 - Jul 2020
- Teaching weekly classes, explaining exercises, solving student understanding problems

Student Staff viadee Unternehmensberatung AG — Sep 2018 - Mar 2019
- Analysing client domain and development of testing routines for client in the financial sector

IT Consultant viadee Unternehmensberatung AG — Feb 2018 - Aug 2018
- Conception, development and testing of a work time planning software for a client in the telecommunication sector

IT Specialist for Application Development   Sep 2015 - Jan 2018
- Shortened **apprenticeship** because of outstanding Grades, Deutsche Telekom AG
- Development of internal reporting website visualizing important key figures for the management of the department.
- Data aggregation and presentation from different data sources and colleagues for various requests and presentations

Awards

Heinz-Nixdorf Elite Program Member Paderborn University   2020
- Computer Science Faculty, Paderborn, Germany

Skills

Problem solver, Critical thinking
- quick comprehension and familiarization in new subject domains
- explain concepts on technical level, but also simplified

Languages
- **German** - Native Language
- **English** - C1, Toefl iBT score 111/120 (18.12.2021)
- **Finnish** - A1.1

Technical Skills
- **Java**, Spring (Boot), Clean Code
- **Python**, Django
- **SQL**, mostly worked with ORACLE SQL
- **Git**, GitHub, colaborating in Teams
- **Docker**, Docker Compose
- Some experience with **Kubernetes**, **AWS**, **Azure**
- **HTML**, **CSS**, basics in **JavaScript**
- Learning **Haskell** at the moment

Personal

- Citizenship: German
- Residence: Helsinki, Finland

Interests

- Bouldering, cycling, reading, listening and collecting music
- Building and flying racing drones

Volunteering

Organization and team leading at local holiday camp for children   2014 - 2022
aged 10 - 15