YAGIZALP ZAIMOGLU

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Portfolio ⬦ Github ⬦ LinkedIn

EDUCATION

RWTH Aachen University *2022 - Present*
B.Sc. Computer Engineering

Charité Berlin *2020 - 2022*
State Exam Medicine
Member of the European Medical Students Association Berlin

German Embassy School Ankara *2017 - 2020*
Bilingual IB Diploma (43/45 Points)
Valedictorian and Member of the Students Council

EXPERIENCE

RWTH Aachen University *Oct 2024 - Present*
Student Assistant Aachen, DE

- Tutor at the Institute for Power Electronics and Electrical Drives (ISEA).
- Development with a STM32 Nucleo board to interface with various sensors.
- Enhance solar panel performance using sensor data and Maximum Power Point Tracking (MPPT) techniques.

Beyonnex *May 2024 - Present*
Working Student Hamburg, DE

Biz Factory *Jan 2023 - Apr 2024*
Working Student Munich, DE

- Worked on systems for various Ministries and Universities, predominantly using PHP.
- Developed a robust Backend for an upcoming SaaS platform, using Go and ArangoDB, simplifying compliance with the new European Whistleblower Law for small to medium-sized companies.
- Implemented advanced encryption techniques to ensure stringent data security for the SaaS platform.
- Created an internal system in Go and Nuxt to efficiently manage the Kubernetes cluster.

Charité *Jul 2021 - Jul 2022*
Working Student Berlin, DE

- Implemented a management system for the student database at CIPom using a Go and MySQL Backend, Javascript (Vue) Frontend.
- Led to an improvement of work efficiency by minimizing the hurdle of changing student data at the CIPom.
- Started working on an own printer-job billing service with C to reduce costs of proprietary licenses.

PROJECTS

TherapieDirekt *Dec 2024 - Present*
A platform designed to provide patients with easy and seamless access to psychotherapists, fostering mental well-being and ensuring timely support.

Flathunter *Mar 2023 - May 2023*
A platform tailored for students and trainees to quickly and easily find suitable housing options.

SKILLS

Programming Languages	Go, C, C++, Typescript, Python, Java, MATLAB
Languages	German, English, Turkish