Yasuaki Kumazaki

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EDUCATION

HAW Hamburg　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Hamburg, Germany**
B.S. in Information Engineering　　　　　　　　　　　　　　　　　　*Expected Graduation, March 2026*

- o **Relevant Coursework:** C Programming and Software Development, Java Programming and Object-Oriented Development, Data Structures & Algorithms, Software Engineering, Databases, Microcontroller Systems and Embedded Programming, Sensor Technology and Bus Systems, Operating Systems, Internet of Things

Soka University
B.S. in Economics

EXPERIENCE

Rocket Factory Augsburg - RFA　　　　　　　　　　　　　　　　　　　　　**Augsburg, Germany**
Full Stack Software Development Engineering Intern　　　　　　　　*March 2025 – September 2025*

- Developed and maintained an internal tool for managing complex hardware data and workflows, enabling engineers to streamline operations
- Extended backend APIs using FastAPI, SQLAlchemy, and Alembic to fix bugs and add new features, increasing system reliability and data consistency.
- Enhanced the user interface with React.js, TanStack, and Mantine UI, improving engineers' ability to track and update hardware data more efficiently
- Contributed to CI/CD pipelines in GitLab, supporting continuous integration and deployment of new features and bug fixes

Accenture Japan　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Tokyo, Japan**
Application Development Senior Analyst　　　　　　　　　　　　　　*August 2017 – December 2020*

- Developed JavaScript, Java, and ABAP applications on SAP Cloud Platform to retrieve data from the SAP S/4 HANA
- Built Development, Testing, and Production environments using Windows Server, PowerShell, and MSDB on NTT Enterprise Cloud for web servers, application servers, and SAP S/4 HANA servers as a part of a system migration
- Supported senior project managers in coordinating with cross-functional teams to align project objectives and timelines

PROJECTS

QuickBill - Invoice Management Web App　　　　　　　　　　　　　　　**Augsburg, Germany**
Personal Project　　　　　　　　　　　　　　　　　　　　　　　　　　　*Jun 2025 – Ongoing*

- Developing a full-stack web application to help freelancers generate and track invoices, improving efficiency in managing client payments
- Implementing backend services with FastAPI, SQLAlchemy, and PostgreSQL, with Alembic for database migrations
- Building the frontend with React.js, Mantine UI, and TanStack Router/Query for a modern, responsive user experience
- Dockerizing the application to ensure reliability, scalability, and ease of deployment

Distance Measurement　　　　　　　　　　　　　　　　　　　　　　　　**Hamburg, Germany**
Team Member　　　　　　　　　　　　　　　　　　　　　　　　　　　*June 2024 - July 2024*

- Developed C programs for Arduino Nano to measure the ultrasound echo time, serialize the data, and store it
- Developed Python programs to retrieve the stored data, deserialize the data, calculate the distance based on the time, and plot the result using NumPy and Pyplot

SKILLS

Programming Languages: Python, JavaScript, TypeScript, SQL, HTML/CSS, C, Java, MATLAB
Frameworks & Libraries: React.js, FastAPI, SQLAlchemy, TanStack, Mantine UI, Next.js
Databases: PostgreSQL, MySQL
Tools & Environments: Git, Docker, GitLab, Visual Studio Code, Arduino IDE