

Yasuaki Kumazaki

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EDUCATION

Hamburg University of Applied Science

B.S. in Information Engineering

Hamburg, Germany

Expected Graduation, July 2025

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

Tokyo, Japan

April 2011 - March 2017

WORK EXPERIENCE

Accenture Japan

Application Development Senior Analyst

Tokyo, Japan

August 2017 - December 2020

- Developed JavaScript, Java, and ABAP applications on SAP Cloud Platform to retrieve data from the SAP S/4 HANA
- Utilized Windows Server, PowerShell, and MSDB to build Development, Testing, and Production environments 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

PROJECT EXPERIENCE

IoT-powered Pet Simulator

Web application written with ReactJS and Bootstrap

Hamburg, Germany

April 2024 - June 2024

- Created a web application that synchronously retrieves and displays virtual pet data from a connected physical device
- Co-led the design of the application's workflow with one other developer and delegated tasks to four other developers, resulting in an agile workflow with quick and efficient deployments

Distance Measurement

Data collecting and analysis application with Arduino Nano, Ultrasound sensor, C, and Python

Hamburg, Germany

June 2024 - July 2024

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

Portfolio

Web application written with Next.js and Tailwind CSS

Hamburg, Germany

May 2024 - June 2024

- Created a web application that synchronously retrieves and displays virtual pet data from a connected physical device

SKILLS

Programming: Java, Python, JavaScript, TypeScript, HTML/CSS, C, SQL, MATLAB, VHDL

Frameworks: React, Next.js, Bootstrap, Tailwind CSS

Tech: Git, MySQL, SQL Server, Visual Studio Code, Arduino IDE, Linux, Postman, MS Office