Yousef Taha

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Portfolio: yousef-taha1.github.io/portfolio/

EDUCATION

Hochschule für Angewandte Wissenschaften Hamburg (HAW Hamburg)   **Hamburg, Germany**
B.S. in Information Engineering   *March 2022 - March 2026(Expected)*
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.

Damascus University   **Damascus, Syria**
B.S. in Economics   *September 2015 - June 2016*

Al-Andalus High School (Scientific Branch)   **Damascus, Syria**
High school diploma with 84.34% VPD of 1.7   *2015*

PROJECT EXPERIENCE

IoT-powered Pet Simulator   **Hamburg, Germany**
Web application written with ReactJS and Bootstrap   *April 2024 - June 2024*
- Created a web application that synchronously retrieves and displays virtual pet data from a connected physical device
- Contributed to the design and development of the application's workflow as a frontend team member, collaborating with four colleagues to ensure an agile workflow and efficient deployments

Distance Measurement   **Hamburg, Germany**
Data collecting and analysis application with Arduino Nano, Ultrasound sensor,   *June 2024 - July 2024*
C and Python
- 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   **Hamburg, Germany**
Web application written with React, Vite and Tailwind CSS   *January 2025 - February 2025*
- Developed a responsive portfolio website showcasing personal information, past projects, and integrated email functionality for contact.

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
Languages: English C1, Arabic C2 and German A1

WORK EXPERIENCE

I Cook Arabs   **Kuala Lumpur, Malaysia**
Store Manager   *January 2021- February 2022*

Horizons Net Cafe & IT Store   **Damascus, Syria**
Manager   *May 2017 – August 2019*