

Umais Qidwai

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EDUCATION

The Ohio State University

B.S. in Computer Science & Engineering, Minor in Business

- Honors Engineering student

June, 2027

Columbus, OH

Google Project Management

Certificate from Coursera

- Learned Agile methodologies, team coordination, and project execution strategies.

Nov, 2023

Online

WORK EXPERIENCE

NICC

Teaching Assistant

- Assisted in teaching and mentoring students.

Sep. 2023 – Present

Columbus, OH

PROJECTS

OSU Calorie Tracker

Software Developer (Collaborative Project)

- Currently developing a Calorie Tracker app for OSU dining halls
- Using API integration
- React-Native frontend, to support ios and android

Current

OSU Schedule Planner

Software Developer (Collaborative Project)

- Built a scheduling web app for OSU students using MySQL backend and React frontend.
- Designed search and filter features for optimized class scheduling.

Sep. 2024

Athan Player - IoT Automation

Developer

- Developed a Raspberry Pi-based speaker
- System that plays audio at prayer times dynamically using Mosque API integration

Apr. 2024

Smart Home Automation

Developer

- Converted an old home security system into a smart system using an ESP32 and HomeAssistant.
- Created a smart drawer lock system with ESP firmware and mobile control.
- Made a smart garage door opener using an ESP32 and a reed switch.

Dec. 2023

SKILLS

Languages: Java, Python, JavaScript, SQL, HTML, CSS, MATLAB

Frameworks: React Native, MySQL, Flask

Development & Systems: Git, VS Code, Eclipse, Linux, Google Cloud, API Integration, IoT, Web Development