Omar Ahmed

Istanbul, Turkey

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Education

Boğaziçi University

Bachelor of Science in Computer Engineering

Sep 2019 – Jun 2023 | Istanbul, Turkey

GPA: 3.75/4.00

Activities: Robotics Club Lead, IEEE Student Branch, Peer Tutor

Relevant Coursework: Embedded Systems, Cloud Computing, AI Fundamentals, Software Security, Mobile Applications

Summer School: ETH Zurich 2022 (GPA: 5.6/6.0), USC 2023 (GPA: 3.8/4.0)

Work Experience

IoT Developer | Vestel | Jul 2023 - Present | Istanbul, Turkey

- Designed IoT solutions using MQTT and Node-RED.

- Developed firmware in C and Python for sensor nodes.

- Integrated cloud services on Azure for data storage and analytics.

Skills

Programming: C, Python, JavaScript

IoT: MQTT, Node-RED, Azure IoT Hub

Hardware: ESP32, Raspberry Pi

Other Skills: Firmware Development, Data Analytics, Cloud Integration

Certificates

Microsoft: Azure IoT Developer Specialty

Udacity: Internet of Things Nanodegree

Coursera: Embedded Software

Awards

Vestel Innovation Award 2023

Boğaziçi Academic Excellence Scholarship

First Place – Turkey IoT Challenge