
UFUK KARACA

Ankara, Turkey | ufuk@karacaufuk.com | +905319959285

github.com/ufukkaraca | www.karacaufuk.com | linkedin.com/in/ufuk-karaca

A student with a deep interest in technology and sustainability. Previous leadership and technical program management experiences as well as mobile, web, cloud, hardware development projects.

EDUCATION

TOBB UNIVERSITY OF ECONOMICS AND TECHNOLOGY — B.S. Electrical Engineering, September 2019-May 2023 (*August 2022, not considering last two internships*)

Honors, 3.15 GPA, Minor Political Science and International Relations

ANADOLU UNIVERSITY — B.S. Management Information Systems, September 2019-May 2022

High Honors, 3.65 GPA

EXPERIENCE

Learn Student Ambassador Alpha, Microsoft — January 2021-Present

Organizing events on engineering topics such as cloud computing, machine learning, databases and blockchain technologies as one of the 49 ambassadors in Turkey.

Entrepreneurship Fellow, Turkish Entrepreneurship Foundation — November 2020-Present

Working with the leading entrepreneurs of Turkey on administration of social entrepreneurship projects as one of the 40 Fellows chosen among 114,000 applicants.

Chairperson, UN SDSN Youth SDG Student Hub of TOBB ETU — September 2020-Present

Conducted over 20 events on SDGs with a reach of 8000+ viewers. Oversaw a relief effort uniting 30+ societies as well as climate action and gender equality initiatives.

Entrepreneurship Lead, Google DSC TOBB ETU — September 2020-February 2021

Built project management tools, handled entrepreneur relations and led the creation processes of 600+ attendee Internship Panel and technical workshop series.

PROJECTS

Mobile and Web Development: Tantomcras To-Do App, Portfolio Website, DSC TOBB ETU Website
Developed cross-platform apps using Flutter, HTML, CSS, SQLite, JavaScript and more.

Hardware Development: AES256 Pipelined Encryption, Multifunction Verilog Calculation System
Successfully overlocked AES256 as well as Booth and Taylor calculations using Verilog.

Hardware Design: HAYAT-433 Emergency Locator

Developed an awarded automated person locator with 420% faster locating, 120% lower cost compared to alternatives using Arduino and wearables with RF communication algorithms.

TECHNOLOGIES

Verilog, MATLAB, OrCAD, Python, C, C++, Flutter, Java, HTML, CSS, JavaScript, Azure, Google Cloud, Git, Circuit Analysis and Design, OOP (Object Oriented Programming)

SKILLS AND INTERESTS

Project Management, Product Development, Leadership, Software Engineering, Computer Science, Electrical Engineering, Teamwork, Solution-Oriented, Strong Communication, Data Solutions, Finance, Process Optimization

LANGUAGES

Native/Bilingual: Turkish, English; **Intermediate:** German, Spanish; **Elementary:** French

CERTIFICATES

Microsoft Engineering Asia Virtual Experience Program, **Microsoft Learn** Azure Essentials, **Amazon Web Services** AWS Fundamentals, **University of Illinois at Urbana-Champaign** Digital Marketing, **Google Developers** Cloud Essentials