



# Ufuk Karaca

Engineering, Management  
Information Systems Student

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I am an undergraduate student from Turkey who enjoys developing and managing stuff. I like capturing moments, composing music, exploring the world and learning new languages. I have previous start-up and project experiences as well as hardware development background and can work with Spice, MATLAB, Verilog and more.

## EDUCATION

### Minor, Political Science and International Relations

TOBB University of Economics and Technology

05/2020 - 05/2023

Ankara, Turkey; 4.00 GPA

### B.Sc, Electrical and Electronics Engineering

TOBB University of Economics and Technology

09/2019 - 05/2023

Ankara, Turkey; 3.33 GPA

#### Courses

- |                            |                         |
|----------------------------|-------------------------|
| - Logical Circuit Design   | - Engineering Economics |
| - Comm. Probability Theory | - C/C++ Programming     |
| - Circuit Analysis         | - Microprocessors       |

### B.Sc, Management Information Systems

Anadolu University

09/2019 - 05/2023

Eskişehir, Turkey; 3.56 GPA

#### Courses

- |                        |                      |
|------------------------|----------------------|
| - Project Management   | - Communication Tech |
| - Operational Research | - Economic Analysis  |

## PERSONAL PROJECTS

### EverythingRoe (08/2019 - Present)

- Successfully provided digitalization services to 10+ businesses spanning 5 diverse sectors with solutions ranging from authentication hardware to online payment systems.

### Verilog Implementation of the Advanced Encryption Standard (06/2020 - 08/2020)

- Co-developed a Verilog implementation of the standard that successfully utilized pipelining for increased efficiency.

### Emergency Locator For Hydro-Morphologic Events (01/2018 - 07/2018)

- Automated person locator for natural disaster events. %420 faster locating, %130 lower cost compared to present alternatives.

### Assignment Planner and Splitter App for Students (09/2020 - Present)

- React Native based app to provide intelligent assignment compartmentalization and sub-task creation for students to create efficient workflows.

## SKILLS

MATLAB

Python

C

C++

Verilog

Spice

Leadership

Cultural Adaptation

Project and Time Management

Teamwork

## ORGANIZATIONS

United Nations Sustainable Solutions Development  
Network Student Hub of TOBB ETU  
(10/2019 - Present)

Executive Board Member

Institute of Electrical and Electronics Engineers  
Student Branch (09/2019 - Present)

Member

## CERTIFICATES

Google - Crash Course on Python (09/2020 - Present)

University of Illinois at Urbana-Champaign - Digital  
Marketing (08/2020 - Present)

BEDAF - Certificate of Proficiency in German  
(06/2019 - 06/2023)

## LANGUAGES

Turkish

Native or Bilingual Proficiency

English

Native or Bilingual Proficiency

German

Full Professional Proficiency

Spanish

Full Professional Proficiency

French

Professional Working  
Proficiency

Russian

Professional Working  
Proficiency

## INTERESTS

SDGs

Contemporary Art

AI

Finance