



# Anil Karaca

## Electrical And Electronic Engineering Student

Third-year Electrical and Electronics Engineering undergraduate student from Turkey.

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## EDUCATION

### Electrical and Electronics Engineering(Bachelor of Science - ABET accredited) Hacettepe University

09/2017 - Present

GPA: 2.82/4.00

#### Relevant Courses

- Physics I, II
- Calculus I, II, III
- Fundamentals of Digital Systems
- Circuit Theory I, II
- Electronics I
- Electromagnetics I
- Signals and Systems
- Electric Machines I
- Probability Theory

## WORK EXPERIENCE

### Co-Founder, Organization Manager Hacettepe Free Software Society

11/2019 - Present

#### Achievements/Tasks

- Developing key operational initiatives to establish and drive organization
- Organizing key events for the community
- Recruiting and grouping appropriate members with different backgrounds
- Designing posters and social media posts for the events I took part in

## ORGANIZATIONS

Hacettepe University Robotics Society  
(09/2017 - 09/2019)

Active Member

IEEE (09/2017 - 09/2018)

Member

Association for Computing Machinery (ACM)  
(09/2019 - Present)

Active Member

Hacettepe Unmanned Aerial Vehicle Society  
(09/2017 - 09/2018)

Active Member

## TOOLS/ABILITIES

Python

C

C++

VHDL

MS Office

Proteus

LTspice

HTML5

CSS3

Javascript

Node.js

MongoDB

Circuit Design

Digital Design

Deep Learning

Data Analysis

B Class Driving License

## PERSONAL PROJECTS

### Matchmaking Algorithm for Competitive Games

- Alternative matchmaking algorithm for the online game called "Rocket League"
- github.com/karacanil/RL\_Matchmaking

### Sudoku Solver Algorithm

- Optimized sudoku solving algorithm
- github.com/karacanil/BasicProjects/blob/master/sudokusolver.py

## CERTIFICATES

### Neural Networks and Deep Learning (09/2020 - Present)

deeplearning.ai

### Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (09/2020 - Present)

deeplearning.ai

### Structuring Machine Learning Projects (10/2020 - Present)

deeplearning.ai

### Convolutional Neural Networks (10/2020 - Present)

deeplearning.ai

### The Web Developer Bootcamp (09/2020 - Present)

Udemy

## ACHIEVEMENTS

### 2nd place on Hackathon (12/2018)

2nd place on Hackathon organized by Robotics Society, Sponsored by Robolink

## LANGUAGES

Turkish

Native or Bilingual Proficiency

English

Full Professional Proficiency

German

Elementary Proficiency

## INTERESTS

Origami

Board Games

Video Games

Design