Halim Can Ocaklı
Computer Engineering Student

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A computer engineering student who strives to enhance himself in data science, machine learning, computer vision, and its derivative fields. Have good knowledge of C, Python, data structures, and algorithms. Also a backend engineering enthusiast, and a lifelong learner.

PROFESSIONAL EXPERIENCE

Software Engineering Intern, *Saykal Electronics* ↗   July 2022 – present

Embedded Software Engineering Intern, *Sixfab* ↗   April 2022 – May 2022
That was a voluntary internship in which I developed a communication system that includes Telit ME910C1-WW which is the LTE UE Category (Cat) M1/NB1 specified in the 3GPP Release (Rel) 13. Cat M1/NB1 device integrated with Raspberry Pi Pico. The system has bilateral communication that communicates with an IoT cloud platform.

Assistant Student, *Dr. Caner Özcan* ↗   February 2022 – present
I participate in the Programming Languages I & Programming Languages II lectures as an assistant student of Assoc. Prof. Dr. Caner Özcan.

Software Team Member, *KGM Black Night* ↗   October 2021 – July 2022
I was a member of the unmanned aerial vehicle development team that is preparing for the Teknofest competition and worked in the computer vision systems and artificial intelligence development department of this team.

EDUCATION

BSc. Computer Engineering, *Karabuk University* ↗   2018 – present

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PROJECTS

Data Structures Project ↗   July 2021 – August 2021
I created this project which is a student information management system using
data structures in C programming language due to accomplish my data structure
lecture assignment. The project includes various data structures implementing
techniques such as linked list, stack, AVL trees, and BST trees.

Various Educational Projects ↗   2018 – Present
Lots of large and small projects about several topics such as data structures,
algorithms, data science, machine learning etceteras. Also, programming language
documents include quite a few codes with informative comments.

C Programming Examples ⧉   2018 – Present

Various C programming projects that I have been developing on
several subjects since I started my university education.

SKILLS

C	Python
C#	OOP
SQL	Algorithm Analysis
Data Structures	PL/SQL
Linux	Embedded Software

CERTIFICATES

Professional C Programming ⧉
Udemy

Data Structures in C ⧉
Udemy

Intermediate Python ⧉
DataCamp

Introduction to Python ⧉
DataCamp

Image Processing in Python ⧉
DataCamp

Feature Engineering for Machine Learning in Python
DataCamp

Supervised Learning with scikit-learn ⧉
DataCamp

Unsupervised Learning in Python ⧉
DataCamp

Python Data Science Toolbox (Part 1) ⧉
DataCamp

Python Data Science Toolbox (Part 2) ⧉
DataCamp

Machine Learning for Everyone ⧉
DataCamp

Software Develoopment in C/C++ ⧉
Udemy

Data Engineering for Everyone ⧉
DataCamp

Cloud Computing for Everyone ⧉
DataCamp

C# - Beginner to Advance Levels ⧉
Udemy

Algorithms and Programming in C# ⧉
Turkcell

Oracle Database Design and Programming with SQL
I took it after accomplished the "Database Management" course at Karabük University

Circuit Analysis and Design with Proteus ⧉
Udemy

Arduino
Fourdot

Linear Classifiers in Python ⧉
DataCamp

Joining Data with pandas ⧉
DataCamp

Introduction to Data Visualization with Matplotlib ⧉
DataCamp

Data Manipulation with pandas
DataCamp

ORGANISATIONS

Google Developer Student Clubs, *Core Team Member*

Women Techmakers Karabük, *Core Team Member*

Karabuk University BTK, *Core Team and Organizing Committee Member*

TEMA, *Team Member*

Çeyrek Mühendis, *Editor and Writer*

Turkish • English

Antique Rugs, **Playing chess and backgammon**,
Music *(Amateur lute player and trying to play guitar as well)*