

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 an IoT and embedded software enthusiast, and a lifelong learner.

EDUCATION

BSc. Computer Engineering, Karabuk University 📄 2018 – present

PROFESSIONAL EXPERIENCE

Software Team Member, KGM Black Night 📄 October 2021 – present

I am a member of the unmanned aerial vehicle development team that is preparing for the Teknofest competition. I work in the computer vision systems and artificial intelligence development department of this team.

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.

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  <i>Udemy</i>	Data Structures in C  <i>Udemy</i>
Intermediate Python  <i>DataCamp</i>	Introduction to Python  <i>DataCamp</i>
Image Processing in Python  <i>DataCamp</i>	Feature Engineering for Machine Learning in Python <i>DataCamp</i>
Supervised Learning with scikit-learn  <i>DataCamp</i>	Unsupervised Learning in Python  <i>DataCamp</i>
Python Data Science Toolbox (Part 1)  <i>DataCamp</i>	Python Data Science Toolbox (Part 2)  <i>DataCamp</i>
Machine Learning for Everyone  <i>DataCamp</i>	Software Development in C/C++  <i>Udemy</i>
Data Engineering for Everyone  <i>DataCamp</i>	Cloud Computing for Everyone  <i>DataCamp</i>
C# - Beginner to Advance Levels  <i>Udemy</i>	Algorithms and Programming in C#  <i>Turkcell</i>
Oracle Database Design and Programming with SQL <i>I took it after accomplished the "Database Management" course at Karabük University</i>	Circuit Analysis and Design with Proteus  <i>Udemy</i>
Arduino <i>Fourdot</i>	Linear Classifiers in Python  <i>DataCamp</i>
Joining Data with pandas  <i>DataCamp</i>	Introduction to Data Visualization with Matplotlib  <i>DataCamp</i>
Data Manipulation with pandas <i>DataCamp</i>	

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*

LANGUAGES

Turkish • English

INTERESTS

Antique Rugs, Playing chess and backgammon,

Music (*Amateur lute player and trying to play guitar as well*)