ÇAĞATAY KAVAS

Permanent Address	**Contact Info**
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4th year undergraduate student in Electrical and Electronics engineering with an interest in embedded systems, data science, programming, artificial intelligence, machine learning and neural networks.

Education

Ankara University　　　　　　　　　　　　　　　　　　Ankara, Turkey　　　　　**Sept. '19 – Present**
　　Bachelor of Science, Electrical and Electronics Engineering　　　　　　　　　　*GPA 3.62/4.0*
- *Relevant Courses: Object Oriented Programming, Programming with MATLAB, Introduction to Data Science.*

Mehmet Emin Resulzade Anatolian High School　　　Ankara, Turkey　　　　　**Sept. '15 – June '19**
　　High School Education　　　　　　　　　　　　　　　　　　　　　　　　　　*GPA　92.03/100*

Relevant Experience

Ankara University　　　　　　　　　　　　　　　　　　Ankara, Turkey　　　　　**Sept. '19 – Present**
　　Department of Electrical and Electronics Engineering　*Undergraduate Student*　　Jan. '22 – May '22
- *Compared the accuracies of support vector machine and convolutional neural network algorithms for an image classification problem.*
- *Modified a neural network to determine performance improvement with respect to another neural network.*
- *Coded and simulated free falling objects with and without air resistance in MATLAB.*
- *Actively worked on a project in lab at examining the modes of a fiber on an experiment setup which thins the fiber cables.*
- *Prepared and ran Monte Carlo simulations to calculate area of a user entered function within user entered limits.*
- *Designed and programmed a Line Follower Small Robot with an optical sensor.*
- *Used CAN bus communication module to demonstrate the operation of the cruise control system containing 2 transmitters and 1 receiver CAN bus modules.*

Ay Yazilim　　　　　　　　　　　　　　　　　　　　Ankara, Turkey　　　　　**Feb. '22 – Present**
　　Research & Advanced Engineering, Robotics & Mobility　*Undergraduate Intern*
- *Assisted in electrical circuit design.*
- *Got hands-on experience with electronics components.*
- *Worked on various systems on cars and building of a wind measurement sensor.*

ASELSAN A.Ş.　　　　　　　　　　　　　　　　　　Ankara, Turkey　　　　　**July. '22 – Aug '22**
　　Military & Aerospace Manufacturing　　　　　　*Undergraduate Intern*
- *Learned machine learning and deep learning algorithms to be used on the ESP 32-CAM development board.*
- *Built the hardware and written the code in ESP 32-CAM development board to be used in a face detecting system.*

CSA Rover Team   Ankara, Turkey   **Sep. '22 – Present**

- *Otonom sürüş ekibinde nesne tanıma, localization ve navigasyon kodları üzerine çalıştım.*
- *Bu proje için RoS öğrendim.*

Program Proficiencies		**Language Proficiency**	**Trainings and Certificates**

- *MATLAB*	- *ETAP 19.0.17*	- *Turkish-Native*	- *Codivity Seminar, IEEE Computer Society, 2019*
- *Python*	- *Proteus*	- *English-Fluent*	- *Line Tracking Robot Building Training, Robotic &*
- *C*	- *AutoCAD*	*Skipped English*	*Automation Society, 2019*
- *C++*	- *Microsoft*	*Preparation School*	- *AutoCAD Training, Ankara University Power &*
- *Arduino*	*Office*	*in Ankara*	*Energy Society, 2019*
- *GIT*	- *Linux*	*University*	- *Technology in Medicine, Ankara University, 2019*

Exams:
TOEFL: *96/120*
GRE Quantitative Reasoning: *162/170*

References: *Available upon request*