MAHMUT CAN **KURT**

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Education

Duzce University Sept 2016 – Aug 2021
Bachelor of Computer Engineering
• **Courses:** Deep Learning, Image Processing, Fuzzy Logic, Embedded Systems, Data Structures

Skills

Languages: Python, JavaScript, C, C++, C#, Java, HTML, CSS, Dart
Technologies: Selenium, lxml, TensorFlow, PyTorch, OpenCV, MATLAB, Django Web Framework, Django Rest API, Flask, VueJS, Flutter, Android, Git, NodeJS, React Native, SQL, Hadoop
Knowledge: Machine Learning, Deep Learning, Image Processing, Artificial Intelligence, Data Mining, Algorithm Analysis, Data Structures, Cloud Architecture

Professional Experience

Arma Group Holding Istanbul, TR
Software Engineer Apr 2022 – Present
• I'm working as a Database Administrator in the Cloud Team of our Search Engine and Storage project. And I created our own Cloud System with Hadoop.
Back-end Engineer Nov 2021 – Apr 2022
• I developed web scraping bots with Python and designed a back-end API using Django Rest API to set up website and our MySQL server.

Kobisi Istanbul, TR
Software Engineering Intern – Development Team June 2020 – Aug 2020
• Summer Intern at Kobisi's Research and Development Office in Istanbul Technical University, worked on Mobile Development with Flutter and Application Program Interfaces Integration.

Carpedu Duzce, TR
Software Engineering Intern – Research Team Oct 2019 – Dec 2019
• Project Intern at Carpedu's Software Office in Duzce University Technology Laboratory, worked on Full – Stack Development. Worked with Python, Django Web Framework, Bootstrap and NodeJS.

Tosia Tech Istanbul, TR
Software Engineering Intern – Development Team Aug 2019 – Sep 2019
• Summer Intern at Tosia Tech, worked on Full – Stack Web Development. Worked with Python, Django Web Framework, Bootstrap and NodeJS.

Tosia Tech Istanbul, TR
Software Engineering Intern – Research Team Aug 2018 – Sep 2018
• Summer Intern at Tosia Tech, worked on Blockchain Technologies and created new virtualized payment system.

Certifications

- IELTS Academic – **Overall Score: 6.0** (2021)
- React and Context Api – **UDEMY** (2021)
- Data Augmentation for Medical Imaging – **NVIDIA** (2021)
- Getting Started with Deep Learning – **NVIDIA** (2021)
- Getting Started with Image Segmentation – **NVIDIA** (2021)
- Medical Image Classification Using the MedNIST Dataset – **NVIDIA** (2021)
- Image Classification with TensorFlow – **NVIDIA** (2021)
- Image Segmentation with TensorFlow – **NVIDIA** (2021)
- Machine Learning Algorithms Explained – **AMAZON WEB SERVICES** (2021)
- Demystifying AI / ML / DL – **AMAZON WEB SERVICES** (2021)
- Machine Learning Terminology and Process – **AMAZON WEB SERVICES** (2021)
- Deep Learning for Computer Vision – **NVIDIA** (2020)
- Web Development with Python and Django – **UDEMY** (2019)
- React Native and NodeJS – **CARPEDU** (2017)
- Django Web Development – **CARPEDU** (2017)
- Python Software Language – **CARPEDU** (2017)

Projects

- **Android Application for Dogs Breeds Classification with TensorFlow Lite** 2020

  This project: includes an Android mobile application using TensorFlow Lite model trained with Stanford University Dogs Dataset consisting of 120 dog breeds and a total of 20580 images. In this application, the breed of any dog shown to the device using the camera of the mobile device are presented to the user with the similarity rate to the breed as well as the similarity rates to the other breeds. The user can also view and change how long the dog breed has been extracted takes by the application and how many threads occurs. At the same time, the processor load of the application can be changed between CPU and GPU from the user interface.

  This application: aims to make people’s lives easier and gives people more information about dog breeds with machine learning and image processing algorithms. In the advanced stages of the application development, it is foreseen to provide more detailed information about dog breeds and to inform users more on this topic...

- **Smart Home System with Arduino** 2021

  In this project, HC-06 Arduino Bluetooth Module and Arduino Uno R3 development board used in various project ideas. In addition, LDR and DHT11 temperature and humidity sensors, which are used as light sensors, are integrated to provide reactions according to light, temperature and humidity conditions in the environment.

References

• **Prof. Dr. Pakize Erdogmus** – Head of Department
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• **Prof. Dr Ibrahim Yucedag** – Professor
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• **Assoc. Prof. Sinan Toklu** – Previous Head of Department
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• **Dr. Enver Kucukkulahli** – Vice Head of Department
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• **Jimmy Akin** – English Tutor
Akin Language School
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• **Murat Can Umit** – Head Manager / CEO
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