Mahmut Can Kurt

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Education

Bachelor of Computer Engineering - *Duzce University* 🎓   Sep 2016 - Aug 2021
Facultative Courses: Deep Learning, Image Processing, Fuzzy Logic, Data Structures

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Key Skills

Languages: JavaScript, Python
Technologies: NodeJS, Google Cloud Platform, SQL, Hadoop, Tensorflow
Knowledge: Cloud Architecture, Cloud Computing, Machine Learning, Algorithm Analysis

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Experiences

Backend Developer - Global IT **/** Istanbul 👨🏻‍💻   Dec 2022 - Present

Working as a Backend Developer on Weoll Project with NodeJS, Google Cloud Platform and Google Workspace.

Software Engineer - Arma Group Holding / Istanbul   Apr 2022 - Dec 2022

Worked as a Database Administrator in the Cloud Team of our Search Engine and Storage project. And I created our own Cloud Cluster System with Hadoop.

Backend Developer - Arma Group Holding / Istanbul   Nov 2021 - Apr 2022

Developed web scraping bots with Python and designed a backend API using Django Rest API to set up a website and our MySQL server.

Summer Intern - Kobisi / Istanbul   June 2020 - Aug 2020

Developed a mobile app like weather apps with Dart, Flutter, OpenWeatherMap and MapBox.

Software Engineering Intern - Carpedu / Duzce   Oct 2019 - Dec 2019

Developed a web site by adding the puzzles and visuals to be used in psychology studies to the website and grading the data obtained from these tests with Python and Django Web Framework.

Summer Intern - Tosia Tech / Istanbul   Aug 2019 - Sep 2019

Developed a blog site where people who travel around the world can share their experiences with Python and Django Web Framework.

Software Engineering Intern - Tosia Tech / Istanbul   Aug 2018 - Sep 2018

Worked on Blockchain Technologies and developed a new virtualized payment system.

Certifications

- IELTS Academic Overall Score: 6.0	**IDP**	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	**AWS**	2021
- Demystifying AI / ML / DL	**AWS**	2021
- Machine Learning Terminology and Process	**AWS**	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 is 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 by the application and how many threads occur. 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 Systems with Arduino   2021

Today, lamps, fans and other electrical tools in the home can also be used thanks to smart home automations. In this project, an Arduino development board based smart home system project using bluetooth is explained. It is a project that can be highly preferred by users thanks to its affordable cost and easy use. All electronic devices can be managed using the user's smartphone.

In this project, HC-06 Arduino Bluetooth Module and Arduino Uno R3 development board were 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

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