Mahmut Can Kurt

mahmutcankurt.github.io

EDUCATION

DUZCE UNIVERSITY, Turkey   Sep. 2016 – Aug. 2021

- Bachelor of Computer Engineering.
- Head of the Press and Broadcasting Unit in the Idealist Students Community.
- Head of the Environment, Science and Technology Unit in Duzce University Turkish Cultural Society.
- Studied English Preparatory Class for 1 year.
- Graduated with 2.92 GPA.

PENDIK FATIH ANATOLIAN HIGH SCHOOL, Turkey   Sep. 2012 – June 2016

- High School Diploma.
- Studied on Science and Mathematics.
- 80.51 out of 100 Grade Average.

EXPERIENCE

ARTIFICIAL INTELLIGENCE DEVELOPER, Arma Group Holding   Nov. 2021 – Present

- I'm a member of AI Team which is working for various projects.

PROJECT TEAM LEAD, Oversea   July 2020 – Present

- Project Team Lead & Lead Software Developer at Oversea Software Community in Istanbul, working on Full – Stack Web Development and Mobile App Development.
- Working with Python, Django Web Framework, Flask, MongoDB, Bootstrap, NodeJS and Flutter.
- We bring together people who want to meet with experts.

SUMMER INTERN, Kobisi   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.
- Worked with OpenWeatherMap's Weather API, Mapbox's API and Flutter Location Libraries.
- I developed the Weather App with Flutter.

SOFTWARE ENGINEERING INTERN, Carpedu   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.
- I made studies by adding the puzzles and visuals to be used in psychology studies to the website and grading the data obtained from these tests.

SUMMER INTERN, Tosia Tech   Aug. 2019 – Sep. 2019

- Summer Intern at Tosia Tech Software and Mobile Game & Software Development Company in Istanbul, worked on Full – Stack Web Development.
- Worked with Python, Django Web Framework, Bootstrap and NodeJS.
- I developed a blog site where people who travel around the world can share their experiences.

SOFTWARE ENGINEERING INTERN, Tosia Tech   Aug. 2018 – Sep. 2018

- Summer Intern at Tosia Tech Software and Mobile Game & Software Development Company in Istanbul, worked on Blockchain Technologies and created new virtualized payment system.

TECHNICAL COMPETENCIES

- **Programming Languages:** Python, C, C++, C#, Java, JavaScript, HTML, CSS, Dart.
- **Tools and Technologies:** TensorFlow, PyTorch, OpenCV, MATLAB, Django Web Framework, Flask, Flutter, Android, Git, p5.js, ml5.js, NodeJS, React Native, SQL.
- **OS:** Linux, Windows.
- **Knowledge:** Machine Learning, Deep Learning, Image Processing, Artificial Intelligence, Algorithm Analysis, Data Structures.

CERTIFICATIONS

- IELTS Academic – *Overall Score: 6.0 (2021)*
- React and Context Api – *UDEMY (2021)*
- Data Augmentation and Segmentation with Generative Networks 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: 1p19q Chromosome Status Classification – *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**

  Smart home systems are a new design development that has been started to be developed recently and is expected to spread widely in the future. In addition, smart home systems can not only turn devices on and off, but also monitor instantaneous activities in the indoor environment. At the same time, smart home technology is a technology where many features in the home are automated and creates an environment where devices can communicate with each other. In addition, smart home systems save energy and protect users from a heavy expense.

  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.