

MUSTAFA DURMUŞ

Computer Engineer

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Summary

I like working on projects that solve real world problems using AI. I have been interested in artificial intelligence and machine learning since 2018. I prefer to continue progressing in that and related business roles.

Education

Karabuk University

Karabuk/Turkey

Master of Science - Computer Engineering

2020 - Present

Vytautas Magnus University

Kaunas/Lithuania

Exchange Programme

Aug 2017 – Jan 2018

- I have participated erasmus programme in Lithuania for 5 months.

Karabuk University

Karabuk/Turkey

Bachelor of Science - Computer Engineering | GPA of 3.47/4.00

Sep 2014 – 2019

- I have taken theoretical and practical valuable lessons starting from programming in many areas of computer engineering and participated in various activities. I did my compulsory internship with one of my university teachers and together we developed a project using the Django framework. I have worked on my own thesis for 9 months during my senior year.
- I developed a natural language processing model called image captioning which generates textual description of the given images for bachelor degree final project. I used Convolutional and Recurrent neural nets in a same problem.

Work Experience

Robotics Developer

Istanbul/Turkey

HUMMINGDRONE AVIATION & AEROSPACE

Jul 2019 – Dec 2020

- I am in Robotics Development Team. The team deeply focus on making data-driven drones, using approaches like: Machine Learning, Computer Vision, Visual SLAM, Amazon Web Services and open source robotics technologies.

Internship

Istanbul/Turkey

PROJ-E SOFTWARE

Jul 2017 – Aug 2017

- I did my first compulsory internship in this company that specializes in web-based software and strategy development. It was my first time that I used HTML, CSS, XML and similar applications severely.

Internship

Istanbul/ Turkey

TURKEY FOUNDATIONS BANK

Sep 2012 – Jun 2013

- In my high school long-term internship, I was generally interested in topics on Information Technology, Hardware, Networking.

Skills

- Python
- AI (Computer Vision, NLP, Reinforcement Learning)
- Linux (Ubuntu, Shell Scripting, Amazon Web Services)
- Robotics (ROS, Gazebo, Rviz)
- Version Control System (GIT)

Volunteer Projects

Deep Learning Turkey

Istanbul/Turkey

Jul 2019- Oct 2019

- I participated in the "Hands on AI Project" that organized by Deep Learning Turkey community and continued for 4 months. I am in the team who works on the project of Real Time Object Detection in Occupational Safety. We used approaches and applications like: YOLOV3, Amazon Web Services, RabbitMQ, RaspberryPi.

References

(1) Prof. Dr. Oğuz FINDIK

Karabuk University Computer Engineering Department e-mail: oguzfindik@karabuk.edu.tr

(2) Orkun AŞA

Co-Founder – Computer Engineer at Hummingdrone e-mail: orkun@hummingdrone.co