

# MUSTAFA DURMUŞ

Computer Engineer

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## Summary

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I like to work in the jobs that solves problems using AI. I have been interested in artificial intelligence and machine learning for about 2 years I prefer to continue progressing in that and related areas.

## Education

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### 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.
- My "Graduating Project" subject was about developing deep learning application called image captioning which generates textual description of the given images using neural networks.

## Work Experience

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### Robotics Developer

*Istanbul/Turkey*

HUMMINGDRONE AVIATION & AEROSPACE

Jul 2019 – Present

- I am in Robotics Development Team. The team deeply focus on making data-driven drones, using brand new approaches like: Visual SLAM, Deep NN and Reinforcement Learning and open source robotics technologies like: ROS, Gazebo and Rviz.

## 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

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

## Volunteer Projects

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### 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, Raspberry Pi.

## References

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(1) Prof. Dr. Oğuz FINDIK

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