

# Ekrem Çetinkaya

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## EDUCATION

### DOCTOR OF PHILOSOPHY | 2019-PRESENT | ALPEN-ADRIA-UNIVERSITÄT KLAGENFURT

- Major: Computer Science

### MASTER OF SCIENCE | 2018-2019 | OZYEGIN UNIVERSITY

- Major: Computer Science
- 100 % Performance Scholarship
- GPA: 3.92 / 4.00
- Thesis: Image Denoising Using Deep Convolutional Autoencoders

### BACHELOR OF SCIENCE | 2013-2018 | OZYEGIN UNIVERSITY

- Major: Computer Science
- 100 % Performance Scholarship
- GPA: 3.28 / 4.00

## SKILLS & ABILITIES

### PROGRAMMING SKILLS

- Python (High level experience)
- Java (High level experience)
- Go
- C
- C++
- SQL – PL/ SQL

### COMPUTER SKILLS

- MS Office
- Git
- Tensorflow Python, Pytorch, Keras
- Android Studio
- Linux

### LANGUAGE SKILLS

- Mother tongue Turkish
- Written and oral fluency in English
- Pre-intermediate level in Arabic

### EXAMS

- GRE: 317 (168 Quant. – 149 Verbal) – September 2018
- IELTS: 7.5 Overall – August 2018

## **EXPERIENCE**

### **INTERN | REPUBLIC OF TURKEY ENERGY MARKET REGULATORY (EPDK)| 07/2016 - 07/2016**

- Helped company Engineers on IT related topics.

### **INTERN | HAVELSAN NAVAL COMBAT MANAGEMENT TECHNOLOGIES CENTER | 07/2017 - 08/2017**

- Contributed to large scale Java projects about naval combat communication systems.

### **INTERN | POLLYFY SOFTWARE TECHNOLOGIES| 08/2017 - 09/2017**

- Contributed to development of existing Android application, Pollyfy.

### **TEACHING ASSISTANT | OZYEGIN UNIVERSITY | 09/2018 - 01/2019**

- CS 103 Computer Programming Course assistant
- CS 112 Discrete Mathematics Course assistant

### **TEACHING ASSISTANT | OZYEGIN UNIVERSITY | 02/2019 - 06/2019**

- CS 350 Operating Systems Course assistant

## **PROJECTS**

### **AUTONOMOUS DRIVING TURTLEBOT | 06/2017**

- We, as a group of two, trained a model using reinforcement learning techniques to make the Turtlebot navigate autonomously in Gazebo simulation environment.
- Double Q Learning and SARSA methods were applied in the training.

### **MULTILATERAL NEGOTIATION AGENT - MADAGENT | 06/2017**

- We, as a group of two, designed a multilateral negotiation agent whose aim is to get maximum utility in pre-defined negotiation scenarios for international ANAC 2017 competition.

### **ANDROID APPLICATION - STOODY | 02/2018**

- Stody is an Android application that was developed to help students for their national exams in Turkey.

### **RELIABLE UDP AND ITS APPLICATION TO VIDEO STREAMING | 06/2018**

- Goal of this project is to apply a reliable UDP protocol in adaptive video streaming service and evaluate the performance of the system.
- An adaptive video streaming platform is developed using open source KCP protocol and the performance of the platform is tested under various network conditions.

## **PERSONAL INFORMATION**

- Birth Date: 30/10/1995
- Driver's License: Class B (TURKEY)