

AHMET SERDAR KARADENIZ

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EDUCATION

Hacettepe University, Ankara, Turkey

Jan 2021 (Expected)

M.Sc. in Computer Engineering

Supervisors: Erkut Erdem, Aykut Erdem

Middle East Technical University, Ankara, Turkey

June 2018

B.Sc. in Mathematics

WORK EXPERIENCE

Ray Informatics

2017 - Present

Software Engineer

- Been part of the startup as an iOS and Backend developer. Developed various iOS and web applications mainly related to photography.

IBM, Ankara, Turkey

August 2017

Summer Intern

- Developed a file transfer application with Python and Apache Kafka, deployed the application on IBM Bluemix. Developed a prototype application which counts the objects passing through a production line by video processing with OpenCV/C++.

Microsoft, Istanbul, Turkey

June 2015

Summer Intern

- Completed a Windows universal app which was a computational tool for Linear Algebra. Taken accelerated education about various subjects such as software development and machine learning.

PUBLICATIONS

Karadeniz A.S., Erdem E., Erdem A., "Extremely Low Light Image Enhancement via Permutation Invariant Networks".

Working Paper

Karadeniz A.S. and Efe M.O., "Room-Level Indoor Localization with Artificial Neural Networks,"

MedPRAI 2019

Karadeniz, Ahmet Serdar, et al. "Improving CNN Features for Facial Expression Recognition."

ZERO: Jurnal Sains, Matematika dan Terapan 3.1 (2019): 1-11.

TECHNICAL SKILLS

Programming Languages

Python, C/C++, Objective-C/Swift

Others

Unix/Linux, OpenCV, Scikit-Learn/Tensorflow/Keras, Flask, Git, Rest/JSON, Raspberry Pi, MySQL, Digital Ocean/AWS/Bluemix

LANGUAGE SKILLS

English Fluent

Turkish Native