AHMET SERDAR KARADENIZ

Yavuz Selim Mah. 8. Cad. Bizim Sirinkoy Sit. No:1. Etimesgut/Ankara
+90 554 290 01 63 ⋄ ahmet.karadeniz@hacettepe.edu.tr

EDUCATION

Hacettepe University, Ankara, Turkey *2018 - 2020*
M.Sc. in Computer Engineering

Middle East Technical University, Ankara, Turkey *2012 - 2018*
B.Sc. in Mathematics

WORK EXPERIENCE

Ray Informatics *2017 - Present*
Co-founder, Software Engineer

Worked as one of the developers and co-founders of Ray Informatics. Developed various iOS and web applications mainly related to photography.

IBM, Ankara, Turkey *July 2017 - August 2017*
Summer Intern

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

Microsoft, Istanbul, Turkey *June 2015 - July 2015*
Summer Intern

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

PUBLICATIONS

Karadeniz A.S., Erdem E., Erdem A., "Burst Photography for Learning to Enhance Extremely Dark Images."
Submitted to IEEE Transactions on Image Processing (under review), 2020

Karadeniz A.S. and Efe M.O., "Room-Level Indoor Localization with Artificial Neural Networks."
MedPRAI, 2019.

Karadeniz, A.S., 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/Pytorch/Tensorflow, Flask, Git, Rest/JSON, Raspberry Pi, MySQL, Digital Ocean/AWS/Bluemix

LANGUAGE SKILLS

English	Advanced
Turkish	Native

REFERENCES

Assoc. Prof. Erkut Erdem
Hacettepe University, Computer Vision LAB
erkut@cs.hacettepe.edu.tr
Assoc. Prof. Aykut Erdem
Koc University, KUIS AI LAB
aerdem@ku.edu.tr
Kurtulus Yildirim
Technical Solutions Architect at IBM
kurtulus@tr.ibm.com