

Selahaddin HONI

+90-507-503-1767 | 001honi@gmail.com | Istanbul, Turkey

linkedin.com/in/selahaddin-honi

001honi.github.io

ABOUT

His career goal is to be a research scientist in computer vision field. He has improved the programming skills for machine/deep learning while progressing his bachelor thesis study which mainly focuses on object detection and tracking. The projects he has accomplished so far can be accessed via his GitHub repositories.

EDUCATION

Istanbul Technical University

Master • Telecommunications Engineering

Istanbul, Turkey

Planned to start in Spring, 2022

KAIST — Korea Advanced Institute of Science and Technology

Master • Exchange Student in Electrical Engineering

Daejeon, Korea, Republic of

Spring, 2022 ~ Fall, 2022

Istanbul Technical University

Bachelor • Electronics & Communication Engineering • GPA: 3.52 / 4.00

Istanbul, Turkey

Spring, 2017 ~ Present

Advisor: Prof. Dr. Bilge Günsel

Thesis: Person tracking by detection

Taken Graduate Courses: Statistical Signal Processing • Statistical Pattern Analysis & Classif • Digital Video Processing

EXPERIENCE

Research Volunteer in Istanbul Technical University

Multimedia Signal Processing and Pattern Recognition Research Group

He works on person re-identification for visual object tracking purpose.

Istanbul, Turkey

August, 2021 ~ Present

Intern in TUBITAK BILGEM

Communication & Signal Processing Lab.

An end-to-end communication channel for a simplified control model was designed on GNU Radio environment. Physical, data link, network and transport layers were constructed and basic modulations were implemented on LimeSDR hardware. At the end, designed communication system was demonstrated to the president of the institute in the final presentation.

Kocaeli, Turkey

27 days in Summer, 2020

Intern in HAVELSAN Inc.

Big Data & Artificial Intelligence Section

An introduction project to computer vision which is classification of static hand figures was performed. Custom dataset was generated to train the model and application was supported by a real-time interface. Then, it was evolved into a touchless design for automats with a motivation of innovative ideas competition; awarded with 3rd prize after it is presented to the management team of the company.

Ankara, Turkey

20 days in Summer, 2020

Intern in BAYKAR Technologies

Control Simulation & Embedded Software Dept.

A platform for translation between embedded C and C# languages has been coded. The project having web interface has deployed on the department server to serve to colleagues.

Istanbul, Turkey

60 days in Summer, 2019

HONORS & AWARDS

Undergraduate Student Assistant

Machine Learning for Signal Processing • EHB328 • Fall 2021

Istanbul Technical University, 2021

Innovative Idea & Design Award, #3rd

A touchless design for automats thanks to computer vision

HAVELSAN Internship Project Contest, 2020

Fighter UAV, Multirotor Category, Mention Award, #1st

Communications of UAV & Ground Control Station & Main Server

TEKNOFEST, 2019