Selahaddin HONI

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ABOUT

Introduce himself as an undergraduate researcher in the fields of signal processing and machine learning.

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)   Daejeon, Korea, Republic of
Exchange Student   (Postponed-to) Fall, 2021

Istanbul Technical University   Istanbul, Turkey
B.Sc. Senior, Electronics & Communication Engineering   Spring, 2017 ~ Present
GPA: 3.42 out of 4.00

Taken graduate courses:
- TEL520 Digital Video Processing

EXPERIENCE

Intern   TUBITAK BILGEM, Kocaeli, Turkey
Communication & Signal Processing Lab. (HISAR)   27 days in Summer, 2020
Designed an end-to-end communication channel for servo control in GNU-Radio environment.

Intern   HAVELSAN Inc., Ankara, Turkey
Big Data & Artificial Intelligence Section   20 days in Summer, 2020
Developed a deep learning project for classification of static hand figures.

Intern   BAYKAR Inc., Istanbul, Turkey
Control Simulation & Embedded Software Dept.   60 days in Summer, 2019
Coded a platform for translation between embedded C and C# languages.

AWARDS

Innovative Idea & Design Award, #3rd   HAVELSAN Internship Project Contest, 2020
A touchless design for automats thanks to AI and computer vision

Fighting Drones, Multirotor Category, Mention Award, #1st   TEKNOFEST, 2019
Communications of Drone & Ground Control Station & Main Server

OTHER PROJECTS

Voice Conversion by using CycleGAN   Check out GitHub page for details.
It is aimed to transfer the trained voice style of a famous person to given input voice.

Computer Vision Studies
Learning steps for classification, detection, segmentation and tracking

LANGUAGE

English   Istanbul Technical University SFL English Proficiency Test
Score: 85 out of 100   January, 2020
Turkish
Native Language