# 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, #3$^{rd}$**  HAVELSAN Internship Project Contest, 2020
A touchless design for automats thanks to AI and computer vision

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

## OTHER PROJECTS

**Computer Vision Studies**  Check out GitHub page for details.
Learning steps for classification, detection, segmentation and tracking

**Voice Conversion by using CycleGAN**
It is aimed to transfer the trained voice style of a famous person to given input voice.

## LANGUAGE

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