

# Selahaddin HONI

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## EDUCATION

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**Korea Advanced Institute of Science and Technology (KAIST)**

Exchange Student

Daejeon, Korea, Republic of

Spring, 2021

**Istanbul Technical University**

Senior, Electronics & Communication Engineering

GPA: 3.28/4.00

Istanbul, Turkey

Spring, 2017 - Present

## EXPERIENCE

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**Intern**

**Communication & Signal Processing Lab. (HISAR)**

TUBITAK BILGEM, Kocaeli, Turkey

27 days in Summer, 2020

Designing an end-to-end communication channel for servo control

**Intern**

**Big Data & Artificial Intelligence Section**

HAVELSAN Inc., Ankara, Turkey

20 days in Summer, 2020

Deep learning project for detection and classification of static hand figures

**Intern**

**Control Simulation & Embedded Software Dept.**

BAYKAR Inc., Istanbul, Turkey

60 days in Summer, 2019

Coding a platform for translation between embedded C and C# languages

## AWARDS & TEAMWORK

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**Innovative Idea & Design Project, #3<sup>rd</sup>**

HAVELSAN Internship Project Contest, 2020

A touchless design for automats thanks to AI and computer vision

**Multicopter Drones Category, Mention, #1<sup>st</sup>**

Combat Drones, TEKNOFEST, 2019

Communications of Drone & Ground Control Station & Main Server

## RESEARCH INTEREST

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Undergraduate researcher in the fields of deep learning and signal processing, especially on object tracking.

Advised by Prof. Bilge GUNSEL, coordinator of Multimedia Signal Processing and Pattern Recognition Research Group in Electrical and Electronics Faculty of Istanbul Technical University.