

# Alp ARGUN

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## EDUCATION

 <b>M.Sc. Electrical and Computer Engineering</b> RWTH Aachen University, Aachen, GERMANY	2019 - Present
 <b>B.Sc. Electrical and Electronics Engineering</b> Bilkent University, Ankara, TURKEY   GPA: 3.16/4.00, Honor Student	2014 - 2018

## WORK EXPERIENCE

 <b>PORSCHE AG</b> , Stuttgart, GERMANY, <i>Data Science Intern</i> Data driven development for highly automated and assisted driving.	05/2021 - Present
 <b>RWTH AACHEN UNIVERSITY</b> , Aachen, GERMANY, <i>Student Research Assistant</i> • Applied deep reinforcement learning to solve the autonomous driving problem on 2D (OpenAI Gym) and 3D (SVL Simulator) environments. • Data analysis on battery data using SQL and Python. • A Raspberry Pi project to control a bioreactor to stimulate tissues with a user interface and real-time plotting.	06/2019 - 04/2021
<b>aselsan ASELSAN</b> , Ankara, TURKEY, <i>Software Engineer</i> Worked on a computer vision project.	01/2019 - 03/2019
<b>SIEMENS SIEMENS</b> , Budapest, HUNGARY, <i>R&amp;D Engineering Trainee</i> Developed a Raspberry Pi application to set up modal analysis for a transformer and plot data.	09/2018 - 10/2018

## SKILLS

Programming	Frameworks & Platforms	Languages
Python   C++   MATLAB Java   SQL   VHDL HTML   CSS   JavaScript	Tensorflow   Linux Keras   Ray RLlib	 Turkish: Native  English: C1  German: B1

## ACADEMIC PROJECTS

<b>Mobile Controlled Car</b>	Implemented an RC car with a Raspberry Pi using Python to collect data and stream live video and it is controlled by an Android application.
<b>Spoken Digit Recognition</b>	Designed hardware to record speech and processed the signal to recognize the spoken digit using MATLAB.

## EXTRACURRICULAR ACTIVITIES AND AWARDS

<b>07/2019</b>	Performed with RWTH Aachen University Choir and Orchestra
<b>2014-2010</b>	Won medals in national and regional tournaments with TED Ankara College handball team
<b>09/2010</b>	Turkish national handball team training camp, Nigde, Turkey