



Alp ARGUN






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📍 Aachen, GERMANY



🎓 EDUCATION

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

📁 WORK EXPERIENCE

	RWTH AACHEN UNIVERSITY , Aachen, GERMANY, <i>Student Research Assistant</i>	06/2019 - Present
<ul style="list-style-type: none">Working with reinforcement learning and deep learning algorithms for an autonomous driving project.Automated the extraction and manipulation of battery test data using SQL and Python.Did a Raspberry Pi project to control a bioreactor to stimulate tissues. Designed a graphical user interface for experiment configuration and simultaneously controlled a motor and plotted the force in real time.		
	ASELSAN , Ankara, TURKEY, <i>Software Engineer</i>	01/2019 - 03/2019
Worked on an object detection project.		
	SIEMENS , Budapest, HUNGARY, <i>R&D Engineering Trainee</i>	08/2018 - 09/2018
Developed a Raspberry Pi application to set up modal analysis for a transformer and plot data.		
	ASELSAN , Ankara, TURKEY, <i>Software Engineering Intern</i>	07/2017 - 08/2017
Developed a protocol converter software for serial, socket, MIL-STD-1553, CAN and Ethernet.		
	UMRAM , Ankara, TURKEY, <i>R&D Engineering Intern</i>	05/2016 - 07/2016
Automated a robotic arm movement and magnetic field measurement.		

⚙️ SKILLS

Programming

Python	C++	MATLAB
Java	SQL	VHDL
HTML	CSS	JavaScript

Frameworks & Platforms

Tensorflow	Linux
Keras	

Languages

🇹🇷	Turkish: Native
🇬🇧	English: C1
🇩🇪	German: B1

💻 ACADEMIC PROJECTS

Mobile Controlled Car	Implemented a model car with a Raspberry Pi that collects data through its sensors, streams live video and is controlled by an Android application.
Spoken Digit Classification	Implemented a microphone circuit and recorded and processed speech signal. Used a custom-built data set to classify the recorded signal.
Fruit Classification	Processed and classified fruit images using machine learning algorithms.

👥 EXTRACURRICULAR ACTIVITIES AND AWARDS

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