



Alp ARGUN





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📍 Aachen, GERMANY



🎓 EDUCATION

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

📁 WORK EXPERIENCE

	PORSCHE AG , Stuttgart, GERMANY, <i>Data Science Intern</i>	05/2021 - Present
Data driven development for highly automated and assisted driving.		
	RWTH AACHEN UNIVERSITY , Aachen, GERMANY, <i>Student Research Assistant</i>	06/2019 - 04/2021
<ul style="list-style-type: none">• 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.		
	ASELSAN , Ankara, TURKEY, <i>Software Engineer</i>	01/2019 - 03/2019
Worked on a computer vision project.		
	SIEMENS , Budapest, HUNGARY, <i>R&D Engineering Trainee</i>	09/2018 - 10/2018
Developed a Raspberry Pi application to set up modal analysis for a transformer and plot data.		

⚙️ SKILLS

Programming	Frameworks & Platforms	Languages
Python C++ MATLAB	Tensorflow Linux	🇹🇷 Turkish: Native
Java SQL VHDL	Keras Ray RLLib	🇬🇧 English: C1
HTML CSS JavaScript		🇩🇪 German: B1

💻 ACADEMIC PROJECTS

Mobile Controlled Car	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.
Spoken Digit Recognition	Designed hardware to record speech and processed the signal to recognize the spoken digit using MATLAB.

👤 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