



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

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|---|--|-------------------|
|  | 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

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|---------------------------------|--|
| 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

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|-----------|---|
| 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 |