



Emir ORAL

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EDUCATION

Bachelor of Electrical and Electronics Engineering
TOBB University of Economics and Technology

September 2019 - Present

ALES - Quantitative : 88.68/100.00

Elective courses: Power Electronics, Network Science, Computer Networks, Industrial Management

Bachelor's Thesis: Designed a robotic system that performs image processing and movement using Raspberry Pi 4.

WORK EXPERIENCE

Research Intern
ONES Technology

May 2022 - August 2022
Ankara/Turkey

- Obtained broad technical and R&D knowledge, with practical experience in electrical component storage and soldering, complementing my engineering expertise.
- Studying STM32 microcontroller circuit design and libraries enhanced my understanding of fundamental microcontroller circuit design and programming.

Engineering Intern
SAIMOS by ONG-IT GmbH

April 2022 - May 2022
Vienna/Austria

- Developed expertise in HTTP Request methods using Postman and Curl apps, and reinforced my understanding by mastering the Kotlin language and its Ktor add-on.
- Learned how to use Git for collaborative teamwork on projects.

Engineering Intern
Pimser Security Solutions

July 2021 - August 2021
Ankara/Turkey

- Researched CCTV and Access Control Systems, Computer Information, and their practical applications.
- Had a beginner tutorial on how to use AutoCAD and use project management knowledge to design a beginner project with other co-workers.

Engineering Intern
AGMLab

May 2021 - July 2021
Ankara/Turkey

- As an IT department employee at a company specializing in automation, cloud informatics, and optimization, I gained experience working with MATLAB, C++, and their add-ons.
- Working on a new project and laying its foundations gave me insight into overall project management and working independently.

CERTIFICATES

- IPC-A-610, IPC-J-STD-001H, IPC/WHMA-A-620 (June, 2021)
- ESD Control for Electronics Assembly.
- CPR & First Aid Certification. (November, 2021)
- Wien IFU Sprachschulung Zertifikat A1.2 (Vienna, Austria)

SKILLS

Programming MATLAB, C, C++, Kotlin, CUDA, Git

Hardware Design Verilog, Altium (beginner)

Communication Turkish (native), English (intermediate), German (beginner)

EXTRA CURRICULAR ACTIVITIES

Active FIDE Chess Player

2019 - Present

- Competed in the Başkent University Open Chess Tournament and Ankara Provincial Championship Tournament.