

AHMET DEMIRDAS

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Objective

Ability to work as part of a team to develop and implement systems, as well as troubleshoot and solve complex technical problems. Reasoning, analysis, and critical thinking. Strong computational skills. Good judgment.

Summary

- Designed filters and amplifiers in Semiconductor Devices course and in Circuit course. Through knowledge of Analog Electronics, designed amplifiers for different specifications and cascode for the laboratory project.
- Demonstrated strong skills in QUARTUS II, MATLAB and C Programming.
- Fully participated to the Electromechanical Energy Conversion laboratories with the knowledge of DC machines and also Analog Electronics and Digital Design laboratories.
- Throughout the 2nd year summer internship program, learned **the basics of microwave engineering** and utilized the knowledge for the Test Automation for RF devices project.

Education

**Middle East Technical University (METU),
Ankara, Turkey**

2016 – Present

Electrical and Electronics Eng., Faculty of Engineering
(Bachelor's Degree, 3rd Year Student)

Taken Courses Included:

C Programming	Analog Electronics
Circuit Theory (I&II)	Signals & Systems
Semiconductor Devices & Modeling	Electromechanical Energy Conversion
Electromagnetic Theory	Electromagnetic Waves
Occupational Health and Safety	Logic Design
Digital Electronics	Feedback Theory
Electrical Equipment and Applications	

Awards

High Honor Student (2016 Spring, GPA higher than 3.5)

Best Chemistry Project in Turkey (2016 , TÜBİTAK Project Competition)

Professional Work Experience

09.2019-Currently Working

Project Assistant, Arcelik Global, Ankara
Electronic Control Systems Team

07.2019-08.2019

Summer Internship, Tualcom, Ankara
Digital Design Department

07.2018 – 08.2018

Summer Internship, Meteksan Savunma, Ankara
RF Design Department

Computer Skills

C, Python, MATLAB, Verilog HDL, Basic knowledge of Linux,

CGPA: 3.17 out of 4.00

Academic Projects

Solar Tracking System for Solar Panels

Wireless Fire Detection System

Test Automation for RF Amplifiers and RF Mixers

Design of an Optical Wireless Communication System: Photophone

Languages

Turkish: Native Language

German: Elementary

Spanish: Beginner

English:	Reading skills:	Perfect
	Writing skills:	Perfect
	Verbal skills:	Fluent

Additional Details

Hobbies include skiing, playing tuba and flute, photographing.