

# Aybars Kerem Erenkul

aybarserenkul@gmail.com ❖ +90(534) 591-5589 ❖ Adana, Turkey

---

## WORK EXPERIENCE

---

### MS SPEKTRAL

Sep. 2021 – Oct. 2021

*Intern*

*Ankara, Turkey*

- MS SPEKTRAL is a Research & Development (R&D) company, of which main focus is production of innovative Electro-Optics and Advanced Imaging Systems, in order to meet the Defense Industry's high quality and reliability requirements ([msspektral.com](http://msspektral.com)).
- As an intern, I was appointed to the Integrated System Engineering Department
  - Learned how a task is divided between teams properly, since tasks required the collective work of Electrical and Electronics, Mechanical, Physics and Software Engineers.
- My responsibilities ranged from debugging software, to creating Analog to Digital Converters (ADC), and temperature measuring systems with displays via programming NUCLEO F429ZI cards in C language.

### Middle East Technical University

Oct. 2017 – Jan. 2018

*Assistant at IT Department*

*Ankara, Turkey*

- I was accepted into this role because I had found a security vulnerability in class computers that allowed one to escalate user privileges and create administrator accounts.
- I was responsible for testing the security of the campus network and new system upgrades, then making a report on possible threats and vulnerabilities.

## VOLUNTEERING WORKS

### IEEE Student Branch

Mar. 2017 – Apr. 2017

*Cybersecurity Course Tutor*

*Ankara, Turkey*

- Taught introduction to cybersecurity in a class for 3 weeks.
- Learned how to present and speak to an audience.

### Annual Science Fair for Children

2019

*Organization*

*Nicosia, Cyprus*

- Took part in organizing a science fair where we did experiments with children to introduce them to science and spark their curiosity.

## EDUCATION

---

### Middle East Technical University

Jun. 2024

*BS, Electrical and Electronics Engineering*

*Ankara, Turkey*

- Enrolled in Mechanical Engineering Department first at 2016, then switched to Electrical and Electronics Engineering in 2018 due to change in interest.
- Took technical elective courses such as Network Systems and Computer Architecture.

## CERTIFICATIONS, SKILLS & INTERESTS

---

- **Certifications:** Certified Applied Cybersecurity Training by BMI (Business Management Institute)
- **Skills:** Network Security; C; Python; Beginner level x86 Assembly; Microelectronics; HTML; Time management; Groupwork;
- **Interests:** Debugging and researching malware; Tinkering with various Linux distributions, music production.