

# Usama Derbashi

Remote Sensing Engineer



📍 Amman, Jordan

📅 1997/06/22

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## Programming Languages (in order of proficiency)

- Python
- C/C++
- Java
- LaTeX
- Dart/Flutter
- JavaScript
- HTML
- Common Lisp

## Languages

**Arabic** (Native),  
**English** (IELTS - Band 7.5),  
**Turkish** (C1 Certificate from Istanbul University),  
**Russian** (Basic Working Proficiency)

A computer engineering graduate looking for a fulfilling career. As soon as my 2nd year at uni, I started working at the remote sensing laboratory, and fell in love with the data-driven applications. Working in academia has humbled me and taught me the value of the “natural selection” of ideas.

## Professional Experience

### **Embedded Software Engineering Intern, Miltera**

2022/04 – 2022/06 | Turkey

Part of the mandatory “industry internships” required to graduate.

Developed a register-database library for a large codebase (350+ modules) of an embedded gateway.

**Key Technologies:** C, C++, Git, Linux, FreeRTOS, Data Structures, Embedded Software.

### **Mobile Development Intern, Codefirst**

2022/02 – 2022/04 | Turkey

Part of the mandatory “industry internships” required to graduate.

Developed the frontend part of an application for an insurance company using Flutter.

**Key Technologies:** Flutter, Java, SpringBoot, NoSQL, REST.

### **Remote Sensing Research Intern, Gebze Technical University**

2019/06 – 2022/01 | Turkey

Worked in the Remote Sensing Laboratory with Prof. Erchan Aptoula.

I was responsible for the preparation and preprocessing of the raw satellite data, and the design, training, and testing of neural networks.

**Key Technologies:** Java, Weka, Python, PyTorch, OpenCV, SciKit, Remote Sensing, Computer Vision, Academic and Technical Writing.

## Education

### **BSc Computer Engineering, Gebze Technical University**

2017 – 2022 | Turkey

### **Highschool - Scientific Stream, Al-Ridwan Schools**

2014 – 2016 | Jordan

## Organisations

### **Gebze Technical University,**

*President of the English Conversation Club*

2017 – 2019 | Turkey

Organised English-speaking-focused events, games, and meetings. Invited and hosted different speakers from different sectors.

### **Vakifbank Umut Cocuklari Okulu, Volunteer**

2016/12 – 2017/05 | Turkey

Prepared, organised, and carried out activities focused on practical English for children.