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

Developed a register-database library in a large codebase (350+ modules) for an embedded gateway.
Key Technologies: C, C++, Git, Linux, FreeRTOS, Data Structures, Embedded Software.

Mobile Development Intern, *Codefirst* ↗

2022/02 – 2022/04 | Turkey

Developed the front-end 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 machine learning models.
Key Technologies: Java, Weka, Python, PyTorch, OpenCV, SciKit, Remote Sensing, Computer Vision, Academic and Technical Writing.

📰 Scientific Publications

Scale-Spectral-Spatial Attention Network for Hyperspectral Image Classification, *IEEE - SIU 2022* ↗

Attribute Profiles Without Thresholds Through Histogram Based Tree Path Description, *IEEE - M2GARSS 2020* ↗

🎓 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.

Usama Derbashi

Computer Engineer

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💼 Programming Languages

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

🌐 Languages

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