

# Usama Derbashi

Computer Vision Engineer



Ljubljana, Slovenia

1997/06/22

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## Programming Languages

- Python
- C/C++
- Lua
- 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)

## Professional Experience

### Computer Vision Software Engineer, Trilobit d.o.o. [↗](#)

2023/03 – present | Slovenia

Design and create software for industrial cameras that performs quality assurance with computer vision.

**Key Technologies:** C++, OpenCV, Lua, Git.

### 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.

### 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

## Organizations

### 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.