

# Berkay ILIKOBA

## Computer Engineering Student



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📅 24.06.2004

🌐 berkayilikoba

🌐 berkay-ilikoba

### Profile

I am Berkay, a second-year Computer Engineering student with a passion for software development since the age of 11. I have a strong interest in computer vision, machine learning, and robotics. I enjoy working on project-based tasks, exploring new technologies, and applying my knowledge to real-world problems. I am a team-oriented, solution-driven, and highly motivated individual who is always eager to learn and grow.

### Education

09/2023 – Present      **Computer Engineering**  
Cukurova University

### Languages

**English**  
B2

**German**  
A2

**Turkish**  
Native

### Skills

#### Python



I have been coding in Python since age 11 and am focusing on deepening my theoretical and practical knowledge in computer vision using OpenCV, NumPy, and Scikit-Learn.

#### Computer Vision



I aim to pursue a master's degree in computer vision and contribute to education in this field. To support this goal, I am actively studying the theoretical foundations in depth.

#### Machine Learning



Conducted both theoretical study and practical implementation of machine learning algorithms. Experienced in data preprocessing, model development, evaluation, and optimization using Python libraries such as scikit-learn and TensorFlow. Continuously expanding knowledge through projects and research.

#### Image Processing



I have gained extensive experience working on a variety of image processing techniques using OpenCV with both Python and C++. Throughout these projects, I have continuously enhanced my skills by exploring advanced algorithms and optimizing performance, while staying up-to-date with the latest developments in the field.

### Organisations

05/2025 – Present

#### Huawei Student Developers Cukurova (HSD CUKUROVA)

*Project Coordinator & Team Captain*

I am currently working as the Project Coordinator and Team Captain for the TEKNOFEST project in the Huawei Student Developers (HSD) student community. This year, our team will compete in the prestigious SAVAŞAN İHA (Fighting UAV) category. As Project Coordinator, I manage administrative and organizational tasks to ensure smooth progress. Simultaneously, as Team Captain, I lead technical efforts, overseeing development and strategy. This dual role enables me to strengthen both my leadership and technical skills while driving the project towards success.

02/2025 – 05/2025

**Çukurova Üniversitesi Savunma ve Yüksek Teknolojiler Kulübü (SAYTEK)**

*Software Team Leader*

I led software teams for two TEKNOFEST projects supported by the Ministry of Defense at SAYTEK. During these projects, I significantly enhanced my technical skills in computer vision, machine learning, and ROS, while also developing strong interpersonal communication and project management abilities. As a software team captain, I worked on the software components of underwater vehicles and UAVs.

04/2018 – 05/2019

**Team Cymurghs**

*Software Team Member*

Participated in the prestigious inter-high school FIRST Robotics Competition (FRC) as a member of the Cymurghs team. Contributed to the team's national success and qualification for the international competition. Developed skills in Python programming, computer vision, and robotics as part of the software development team.

## Projects

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06/2025 – Present

**Combat UAV**

With the team I lead as captain and coordinator in the Huawei Student Developers community, we are actively conducting R&D and development efforts for the TEKNOFEST Combat UAV project.

## Certificates

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**C Programming Language**

BTK AKADEMI

**Python Programming for Beginners**

BTK AKADEMI

**Machine Learning with Python**

BTK AKADEMI

**Python Programming from Beginner to Advanced**

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