

YÜCEL AYTAÇ AKGÜN

EDUCATION

Bursa Technical University

Computer Engineering

(Completed one year of English preparatory school)

2020 - 2025

CGPA: 3.44

Anadolu University

Business Administration (Open Education)

2022 - 2026

CGPA: 3.02

CAREER OBJECTIVE

To work and contribute in the fields of Data Science, Image Processing, Machine Learning, and Artificial Intelligence. Additionally, to undertake web design and mobile application development projects.

WORK EXPERIENCE

Pi Robotik

July 2024 - August 2024

Image Processing Engineering Intern

- Worked on image processing and developed projects using the Halcon programming language.
- Had the opportunity to examine Programmable Logic Controller (PLC) systems.
- Gained experience in industrial cameras and image processing workflows.

Acrome Robotik

September 2024 - January 2025

Robotics and Image Processing Engineer Intern

- Focused on robot image processing and developed a specialized chatbot for Acrome Robotik.
- Worked on artificial intelligence to develop a smart car control system and this system has mobile and desktop application versions.
- Contributed to the development of AI-powered devices for robotic automation.

BLOGS

Controlling SMD Mobile Robots with Groq

A comprehensive article about integrating a Meta AI model into an SMD mobile robot system using Groq's high-performance inference cloud. The blog covers how real-time decision-making and navigation were enhanced by leveraging Meta's powerful LLMs on Groq's ultra-fast execution platform.

<https://acrome.net/post/controlling-smd-mobile-robots-with-groq>

Delta Robot and Conveyor Example: A Glimpse into Industrial Automation

A practical walkthrough of implementing a Delta robot with a conveyor system, showcasing its role in industrial automation. The post dives into synchronization challenges, robotic precision, and potential applications in smart factories.

<https://acrome.net/post/delta-robot-and-conveyor-example-a-glimpse-into-industrial-automation>

TECHNICAL SKILLS

Programming Languages Software

Flutter, C, C#, Java, Python, JavaScript, PHP, Halcon
MS Office, HTML, CSS

ACHIEVEMENTS

Selected among the top 500 candidates in the Chip Design Program of the Turkish Ministry of Industry and Technology.

Successfully advanced to the top 60 after an additional selection process in the Chip Design Program.

RELEVANT COURSES

Data Science

Image Processing

Machine Learning

Artificial Intelligence

Chip Design

STRENGTHS

Strong communication skills

Time management skills

High adaptability

HOBBIES

Reading books

Watching movies

Working on mobile and web projects

PERSONAL ATTRIBUTES

High motivation to learn new things

Strong motivation and leadership skills

Ability to work individually and as part of a team

PERSONAL INFORMATION

Date of Birth: June 19, 2002

Languages: Turkish, English, basic level of Spanish and Portuguese

Sports: Football, Basketball

LINKS

GitHub: <https://github.com/Aytacus>

LinkedIn: <https://linkedin.com/in/ycel-ayta-akgn-358130227>