YÜCEL AYTAÇ AKGÜN

EDUCATION

Bursa Technical University — *2020 - 2025*
Computer Engineering — *CGPA: 3.44/4*
(Completed one year of English preparatory school)

Anadolu University — *2022 - 2026*
Business Administration (Open Education) — *CGPA: 3.14/4*

CAREER OBJECTIVE

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

Recently, I have also developed a growing interest in biology and neuroscience, and I have been actively exploring these domains through self-driven research.

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	Flutter, C, C#, Java, Python, JavaScript, PHP, Halcon, React.js
Software	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

Personal Website: `https://yucelaytacakgun.vercel.app/`

GitHub: `https://github.com/Aytacus`

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