

# Buğra Kaan

**Education/GPA:** Eskisehir Technical University – Computer Engineering (2.95) (English)  
**Email address:** bugrakaan02@gmail.com  
**Graduation Date:** 06/2025  
**Links:** linkedin.com/in/bugra-kaan  
github.com/bugrakaann  
**Portfolio:** bugrakaan.dev

---

## SUMMARY

Computer Engineering graduate specializing in **Machine Learning and Computer Vision**. Demonstrated expertise in Edge AI by engineering a real-time inference system using **YOLOv7, NATS, FastAPI, NVIDIA Triton, and TensorRT on Jetson devices**. Currently leveraging this technical background to build website **IdeaTree.app**, an **AI-powered SaaS platform** designed to analyze business ideas and discover niche markets.

Possesses a strong foundation in full-stack development, ranging from **C# and ASP.NET MVC** enterprise applications to game development and **reverse engineering**. Proven leadership as Vice President of ESTU SAZOK and enhanced adaptability through **international work experience in the United States**. Passionate about transforming complex AI concepts into scalable, real-world solutions.

## EXPERIENCES

---

### System Developer Intern, Toyota Motor Manufacturing Turkey 08/2025 – 09/2025

- Developed YOLOv7-based real-time inference system (NATS, FastAPI, Triton, TensorRT, Jetson, Gradio)
- Optimized inference speed by 48% by deploying models in an NVIDIA Triton Docker container with TensorRT acceleration

### Computer Engineer Intern, Ester Teknoloji 07/2024 – 08/2024

- Built a web-based appointment system with C#, ASP.NET MVC, and Entity Framework, improving user management and scheduling efficiency.

### Game Development & Reverse Engineering

- Gained problem-solving and debugging experience by reverse engineering games and developing C# plugins.

## SKILLS

### Programming Skills

- C#, Docker, Ubuntu, Python - Intermediate (Pandas, Matplotlib, Torch, ML), YOLO, Restful API, Java, MySQL, MongoDB, Next.js

---

## CERTIFICATES

- Introduction to Artificial Intelligence (Python ile Yapay Zekaya Giriş) - Linux Kullanıcıları Derneği
- DNS&DNSSEC - Linux Kullanıcıları Derneği
- AWS Academy Graduate - AWS Academy Cloud Foundations
- The Power of Artificial Intelligence: Introduction to the World of Generative AI - T.C. Cumhurbaşkanlığı Dijital Dönüşüm Ofisi
- Machine Learning 101 - Akbank Gençlik Akademisi