

Firat Yavaş

+90 553 377 92 90 | firatyavas12@gmail.com | LinkedIn | GitHub | firatyavas.com | Denizli, Turkey (Open to Relocation)

EDUCATION

Pamukkale University

B.Sc. in Computer Engineering

Sep 2022 – Jun 2026

Denizli, Turkey

- GPA: **3.1 / 4.00**
- **Graduation Thesis:** Intelligent Automation from Procurement to Sales in Market Chains with LLM Agents — end-to-end automation of market chain operations using a **multi-agent LLM architecture**, including a Next.js-based dashboard, scheduler, and live trace monitoring interface.
- **Award:** 2nd Place in the **IoT, Automation, Transportation and Embedded Systems** category at the Pamukkale University Poster Exhibition.

EXPERIENCE

Kodpit

Software Engineering Intern

Jun 2025 – Aug 2025

Denizli, Turkey

- Built an end-to-end **lane detection and vehicle tracking pipeline** in Python and OpenCV, processing traffic video feeds in real time
- Implemented classical CV techniques—Canny edge detection, perspective warping, and contour analysis—achieving reliable lane boundary extraction under varied lighting conditions
- Architected a modular pipeline with hot-swappable processing stages, enabling seamless integration of deep learning models in later iterations

TECHNICAL SKILLS

Programming Languages: Python, Java, C, JavaScript, TypeScript, SQL

ML & Deep Learning: TensorFlow, PyTorch, Keras, scikit-learn, NLTK

Computer Vision: OpenCV, YOLO, DeepSORT

Data & Backend: NumPy, Pandas, Flask, REST API, LangChain

Databases: PostgreSQL, MySQL, SQLite

Tools & DevOps: Docker, Git, Linux, GitHub Actions

Languages: Turkish (Native), English (B2)

CERTIFICATIONS

Machine Learning — Stanford University & DeepLearning.AI (Coursera)

Mar 2026

Completed the Machine Learning Specialization, covering supervised machine learning with regression and classification, advanced learning algorithms, unsupervised learning, recommender systems, and reinforcement learning.

Introduction to Prompt Engineering for Generative AI — LinkedIn Learning

Jan 2026

Learned effective prompt design techniques for generative AI systems, including task framing, instruction clarity, and output refinement.

5-Day AI Agents Intensive Course with Google — Kaggle x Google

Dec 2025

Completed an intensive program focused on AI agents, tool use, agent workflows, and practical applications of LLM-based systems.

Next Generation Career School — Fundamentals of Machine Learning — Garanti BBVA Genç

Dec 2025

Studied core machine learning concepts, data preprocessing, model training, and foundational AI project development practices.