



ŞÜKRÜ ENES TUĞAÇ

Software Engineering Student



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[Github](#)



[Kaggle Profile](#)



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EDUCATION

TED University
(%100 English)

Software Engineering (%50)
2022 - 2027

Süleyman Demirel Anatolian High School
2018 - 2022

SKILLS

Programming: Python, Java, SQL, HTML, CSS

AI & ML Tools: scikit-learn, NumPy, Pandas, OpenAI API, Gemini API

Databases: Supabase, MySQL, SSMS

Development Tools: IntelliJ IDEA, VS Code, Spyder, Postman, Qt

Methodologies & Practices: Agile, Scrum, Software Development Lifecycle (SDLC)

Other: Machine Learning, API Integration, Teamwork, Analytical Thinking

LANGUAGES

• English (B2)

• Deutsch (A2)

ABOUT ME

I'm a 3rd-year Software Engineering student with a strong foundation in Java, which I've further solidified by working as a Java tutor at my university. In addition to my academic studies, I've developed a deep interest in artificial intelligence and Python-based development.

Recently, I've focused on building AI-driven applications, particularly in the areas of generative AI and chatbot development. I enjoy exploring how machine learning and automation can enhance user experiences and solve real-world problems. This passion led me to work on several AI projects where I combined backend logic with user-oriented design.

I'm a curious and motivated learner who thrives in collaborative environments. I'm eager to contribute to impactful projects, and through my internship experience, I aim to not only improve my technical skills but also bring meaningful value to the team I work with.

EXPERIENCE & RESPONSIBILITIES

- Java Tutoring - TED University, February 2025 - June 2025

I answered students' questions in the laboratory classes on Java, and explained the basic OOP concepts and algorithms.

- Intern - Artificial Intelligence Based Software Development - Etiya July 2025 (Ankara)

Developed an AI-powered chatbot using Python and LLM-based architectures, focusing on intent detection and dynamic responses.

Gained hands-on experience in prompt engineering, API integration, and Supabase-backed data management.

- Technical Event Committee Lead | Huawei Student Developers (HSD) TEDU

- AI/ML Team Member | Google Developer Student Club (GDSC) TEDU

PROJECTS

- WearCast – AI Clothing

Recommendation Chatbot (Python, Supabase, JS, HTML, CSS)

→ AI-driven clothing recommendation system integrating Gemini AI, Supabase, and OpenWeatherMap API.

- AI-Based UAV Mission Analysis System

→ Developed a YOLOv8-based UAV surveillance system with video analytics, risk assessment, and automated mission reporting.

- Live Chat Application – REST & Event-Driven Backend System (Node.js, Express, Redis, Sequelize, SQLite)

→ Developed a real-time chat application with RESTful APIs using Node.js and Express, featuring user authentication, message persistence via Sequelize (SQLite), and asynchronous event-driven messaging with Redis Streams.

- AI-Powered Incident Analysis Agent (LangChain, LangGraph, Ollama, Python)

→ Hands-on experience with AI agents and multi-step workflows using LangGraph, including local LLM setup via Ollama and rapid experimentation with agent reasoning.

- HackGDG-25 AI Project – Generative AI Tool (Hackathon)(Python, OpenAI API)

→ Built a text-to-content generation system using Python and OpenAI API for creative automation.

- Web Scraping & Automated Testing Project (SENG311 – Software Testing)

→ Built a Python-based web scraping and automated testing system with Selenium and Pytest, including price comparison, parametrized tests, and automated PDF report generation.

- LetThereBeVoice – Voice-Controlled Smart App(C#, MVC, SQL)

→ Designed an MVC-based C# system with SQL backend for smart home control.

- Vtringo Web System - Car advertising website(HTML, CSS, PHP, JS, MySQL)

→ Developed a car advertisement platform using HTML, CSS, JS, and PHP.

CERTIFICATIONS

- Neural Networks and Deep Learning – DeepLearning.AI (Coursera, Mar 2025)
- Software Processes and Agile Practices - University of Alberta (Coursera, Dec 2025)
- Agile Planning for Software Products - University of Alberta (Coursera, Jan 2026)
- Python ile Makine Öğrenmesi – Udemy (Oct 2025)
- Sıfırdan Komple Java Geliştirici Kursu – Udemy (Jul 2024)

AREAS OF INTEREST

- Artificial Intelligence and Machine Learning
- AI-based project development
- LLM's and AI Model development
- AI Agent Development