ROHAT ÖNCÜ

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UNIVERSITY EDUCATİON

During my university education, I became familiar with Data Structures, Object Oriented Programming, Machine Learning, Data Science and added my vision to the software field. I also designed applications with Flutter, data manipulation in Data Mining and tested the performance of models.

CAREER OBJECTİVE

My goal is to build a career in **Data Science and Artificial Intelligence**, focusing on data-driven solutions that support decision-making and problem-solving. I aim to specialize in areas such as **machine learning, data analytics, and predictive modeling**, while continuously improving my skills in data preprocessing, visualization, and model evaluation. I'm also interested in software development practices, and I enjoy combining analytical thinking with programming to create scalable and efficient applications. My objective is to contribute to impactful projects by using my technical knowledge, curiosity, and willingness to learn.

EDUCATION

MERSIN UNIVERSITY Mersin
Bachelor of Computer Engineering
2020- Expected 2026

EXPERIENCE

Intern – ART IN Systems *(Jul 2025 – Aug 2025)*
Gained practical experience in **workflow automation** with n8n, configuring multi-step processes, error handling and conditional flows. Implemented secure **API integrations** with Gmail, Slack, PSI and integrated **LLM APIs** (OpenAI, Gemini) for automated data analysis and reporting. Developed automation scripts in **Python** and **JavaScript**, applied **RESTful API** standards, and enhanced my skills in **Git/GitHub**, collaborative workflows and technical documentation.

Software Unit – Mersin University Hospital IT Department *(Dec 2025 – Expected Jun 2026)*
Contribute to hospital-focused software workflows in the IT software unit, including internal digitalization, process analysis and technical documentation. Work on AI-supported healthcare systems such as a hospital chatbot and symptom-assessment concepts, with attention to usability, structured data flow and integration requirements

PROJECTS

Emergency Department Triage and Resource Planning Decision Support System: Developed a SimPy-based discrete-event simulation model to analyze patient flow, waiting times, resource utilization and SLA violations in an emergency department. Built a Streamlit interface for scenario testing and generated CSV/report outputs to support hospital triage and staffing decisions.
Neyim Var? System: Designed a healthcare-oriented preliminary assessment system that collects user symptoms and guides user toward relevant health units using triage-style flow logic and structured symptom data processing.

SEO Automation System (Internship Project): Designed and developed an n8n-based SEO automation system. Integrated OpenAI and Gemini APIs to technically and semantically analyze websites against a custom SEO checklist and automatically generate improvement reports. Automated data collection, analysis and reporting via Gmail and Slack APIs, and gained practical experience in HTTP request/response handling, JSON data processing, debugging and node-based conditional flows.

ADDITIONAL

Tools & Technologies: Python, Docker, Git/GitHub, SimPy, SQL, Kafka, C#, Javascript, CSS
Languages: Intermediate (actively improving) English.