

# SULEYMAN SARDOGAN

Antalya, Turkey | sardogansuleyman04@gmail.com | +90 534 850 8223 |  
| <https://www.linkedin.com/in/suleyman-sardogan-369875286/> |  
| <https://github.com/suleymanssardogan> |

## PROFESSIONAL SUMMARY

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Third-year Software Engineering student focused on Artificial Intelligence, Machine Learning, and Data Science, with hands-on experience in C# desktop application development. Actively developing projects and knowledge in Convolutional Neural Networks (CNN) and computer vision. My internship experience centered on developing Optical Character Recognition (OCR) solutions and building RESTful APIs. Highly motivated to leverage strong skills in SQL and data analysis tools (Pandas, NumPy) to generate insights and build effective software solutions. Seeking an internship opportunity to deepen practical skills and contribute value to the team.

## WORK EXPERIENCE

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**AI Engineer Intern** (Erasmus+ Traineeship) WSTI - Wyższa Szkoła Technologii Informatycznych w Katowicach, Katowice, Poland, ( July 2025 – Sept 2025)

- Developed and implemented an Optical Character Recognition (OCR) solution as part of an academic research project, focusing on extracting text from image datasets.
- Designed and built a RESTful API (e.g., using Python/Flask) to serve the AI model's predictions and enable integration with other services.
- Utilized Docker to containerize the API and machine learning model, ensuring a consistent and reproducible deployment environment.
- Gained practical experience in the end-to-end machine learning workflow, from data processing and model training to API-based deployment.
- Collaborated in an international, academic environment as part of the Erasmus+ program.

## EDUCATION

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**Software Engineering**  
Fırat University

Expected Graduated: 2027  
GPA: 3.65

## SKILLS

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- **Programming Languages:** Python, C#, C, SQL
- **Machine Learning & Data Science:** Deep Learning (CNNs), Computer Vision Data Analysis, TensorFlow , Keras,NumPy,Pandas,
- **Backend & Databases:** RESTful API ,FastAPI, MS SQL Server, MySQL,MongoDB, AWS
- **Tools & Platforms:** Docker, Git, GitHub,. NET,Google Colab,Tableau

## Projects

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- **Fake News Detection (Browser Extension) Academic Project, Fırat University**
  - Developed a browser extension to detect and flag potential fake news articles in real-time.
  - Engineered the backend using FastAPI (Python) to serve the machine learning model predictions.
  - Designed and managed the database (e.g., PostgreSQL/MongoDB) to store article data, user feedback, and model results.
  - Implemented and trained the core Natural Language Processing (NLP) model (e.g., using Scikit-learn/Transformers) responsible for text classification.
  - Collaborated with the team to integrate the backend API with the browser extension
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- Actively contribute to open-source projects and maintain public repositories related to backend systems, cloud-based applications, and DevOps practices.
  - Use Git and GitHub for collaborative development, version control, and code reviews.
  - Follow best practices for documentation and maintainability in public repositories.

<https://github.com/selmanmoon/aws-zero-to-yet>