SELCUK SENTURK

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OBJECTIVE

Data Scientist with hands-on experience in AI applications for the manufacturing sector, currently at Siskon. Skilled in Python, PyTorch, and TensorFlow, with a solid foundation in data analysis, predictive modeling, and deep learning. Committed to enhancing process efficiency and driving innovation through advanced data solutions.

EDUCATION

MSc. in Computer Science, Ege University   2024 - Present
B.Sc. in Physics, Izmir Institute of Technology   2017 - 2023

EXPERIENCE

Data Scientist   April 2024 - Present
Siskon Software&Automation, Izmir, Turkey

- Work in the Research and Development department, focusing on new and complex AI applications to enhance process efficiency.
- Apply advanced analytics and machine learning techniques to optimize manufacturing operations and automate tasks.

Data Scientist   June 2023 - April 2024
KPMG Turkey, Istanbul, Turkey

- Developed a large language model application using RAG technique for enhanced data analysis and insight generation.

Machine Learning Engineer   November 2022 - February 2023
Infuseloop, İzmir, Turkey

- Designed a NLP retrieval system to improving text data processing and information access.

Data Science Intern   August 2022 - September 2022
Jotform, Ankara, Turkey

- Developed an anomaly detection and forecasting model for time-series data, enhancing system reliability and performance. Also detecting the system failures.

SKILLS

Technical Skills
Python, PyTorch, TensorFlow, Machine Learning Algorithms, Deep Learning Algorithms, Data Analysis, Predictive Modeling, NLP, Langchain, RAG, LLM Chatbots

CERTIFICATIONS

Azure Data Scientist Associate, Microsoft
IBM AI Engineering, IBM
Deep Learning (Specialization), Deeplearning.ai
Machine Learning, Stanford University

LANGUAGES

English (Proficient), Turkish (Native)