

Utku Arslan

Data Scientist & Researcher



Contact

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Beşiktaş / İstanbul

Profile

Autonomous, disciplined, and knowledgeable data scientist with expertise in AI, machine learning, and physics with 4+ years in Fortune 100, United Nations and start-ups. I have 5 research papers and actively participate in scientific research in Kaggle competitions. I built many end-to-end products, developing architectures, deploying models and serving web applications. I excel at R&D with defined purpose and boundaries.

Education

2-year Program

Stanford Online
Theoretical Physics

Bachelor's Degree

Maastricht University
Data Science & Artificial Intelligence

Certificates

Financial Markets - Yale
Probabilistic Deep Learning - Imperial
Blockchain and Web3 - INSEAD

Work Experience

Data Scientist

Eurosis Consulting – İstanbul
September 2024 – Present

- Developed internal AI tools using RAG, Knowledge Graphs and Agentic workflows
- Built computer vision algorithms for clients using segmentation and classification
- Analysed client survey results, produced and presented the findings

AI Developer

Poiesy - Maastricht
September 2023 – April 2024

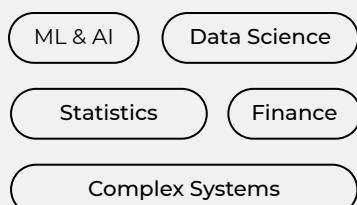
- Worked with a team of biomedical scientist on Bone Marrow Cancer drugs.
- Developed prototypes which showed an increase in drug effectiveness from 40% to 86%.
- Attended stakeholder meetings and adapted to the emerging needs.

ML Developer

Johnson & Johnson - Leiden
August 2022 – August 2023

- Worked on both ML-based and biology-based cellular growth models.
- Developed model that could predict 90 day cellular growth with 90% accuracy.
- Created new ML framework which combines Deep Learning with Biology-based models, offering explainability and grounding.

Proficiencies



Languages

English (Bilingual)
Türkçe (Native)
German (Intermediate)
Dutch (Intermediate)
Spanish (Beginner)