



Deniz Yener

·Research Scientist ·Data Scientist · Python ·PostgreSQL ·MATLAB

Proactive professional with hands-on experience in signal processing, machine learning, and healthcare Research and Development. Proven ability to turn noisy bio signals into accurate, actionable health insights using Python-based data pipelines. Strong interest in EEG, SEEG, and cardiac signal analysis derived from clinical data.

CONTACT

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LANGUAGES

Dutch Professional
English Professional
German Intermediate, improving
Turkish Native

CORE SKILLS

Data & Analytics

- Power BI
- Data Warehousing

Programming

- Python
- SQL • R • MATLAB
- MS SQL Server
- Relational Databases
- PostgreSQL

Cloud & DevOps

- Microsoft Azure • AWS
- Process Automation • Git

AI & Machine Learning

- Machine Learning
- LLMs
- Prompt Engineering
- Generative AI
- Deep Learning
- Data Modeling

Methods

- Research & Development
- Stakeholder Management
- Process Improvement

WORK EXPERIENCE

Research Assistant June-Present

Helsinki University Hospital (HUS) | Helsinki, Finland

- Stereoelectroencephalography stimulations vs. cardiac cycle analysis to understand the temporal dynamics of epilepsy specifically, why and when patients experience seizures.

Master Thesis January - June 2026

Tampere University, Tallinn University, Universidade Lusófona

- A Multi-Resolution Deep Learning Framework for Seizure Detection in Multi-Channel Electroencephalography

Research & Development Intern 07/2025 – 12/2025

Mindig.io | Rennes, France

- Examined 75+ publications and methodologies for Deep Learning solutions focused on seizure detection using EEG signals.
- Collaborated in testing and validating deep learning models for seizure detection, successfully improving model accuracy by 3%.
- Implemented targeted data preprocessing workflows that significantly enhanced the quality of training data.

Project Manager 01/2023 – 01/2024

Common Gold | Rotterdam, Netherlands

- Led end-to-end business planning for a circular economy startup, covering phases from ideation through MVP development.
- Successfully secured grant funding of over €33K.

Import-Export Associate 02/2023 – 08/2023

TPI Composites | İzmir, Turkey

- Conducted market research and competitive analysis for international expansion opportunities.
- Optimized supply chain operations utilizing data analytics, reducing export/import processing time by 7%.

Business Development Specialist 04/2022 – 09/2022

WEROVER | İzmir, Turkey

- Drove business development initiatives for an AI/IoT startup, identifying revenue opportunities exceeding €200K.
- Collaborated with technical founders to translate complex robotic solutions into compelling value propositions for B2B clients

EDUCATION

MSc in Artificial Intelligence for Sustainable Societies (Erasmus Mundus) 08/2024 – 05/2026

Tampere University, Tallinn University, Universidade Lusófona

Coursework: Machine Learning, Deep Learning, Statistics, Data Engineering, AI Ethics, Sustainable Development.

BSc in International Finance and Trade (Specialization: Statistics) 09/2020 – 07/2024

İzmir University of Economics

Coursework: Finance, Statistics, Quantitative Analysis, Risk Analysis, Financial Data Analysis.

SELECTED PROJECTS

NASA HACKATHON 08–10/2025

Data Pathways to Healthy Cities and Human Settlements

Towards A Responsible Future: AI Roadmap 03/2024

Developed solutions focused on AI for sustainable societies and data-driven innovation.

Slush 11/2024

Volunteer Area Team