

MAHAMMAD NABIZADE

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Education

Université Marie et Louis Pasteur

2024 – Present

PhD in Computer Vision

- **Thesis title:** “DAYNIGHT-CARE”: AI-based fall detection platform for elderly individuals.

Institut Supérieur d’Électronique de Paris (ISEP)

2022 – 2024

MSc. Data Science

French-Azerbaijani University (UFAZ)

2018 – 2022

BSc. Earth Science

University of Aberdeen

July 2025

28th BMVA Computer Vision Summer School

Experience

UPCITI

Paris, France

Computer Vision Engineer Intern

February 2024 – August 2024

- Working on a project called “Waste Detection” within a team of computer vision engineers.
- Conducted literature reviews and summarized academic papers on topics related to road waste detection.
- Monitored the evaluation process using MLflow.
- Cleaned and processed a new image dataset using OpenCV to train a new waste detection model
- Built a scene change detection model ChangeNet using deep learning with an RoC of 86% using Pytorch.

Data Analyst Intern

July 2021 – September 2021

British Petroleum (BP)

- Implemented insights from analysis of 8,756 transactions involving BP and partner vendor companies.
- Achieved a 30% reduction in transaction analysis time using graph modeling in Linkurious Enterprise.
- Developed an interactive dashboard in PowerBI, providing stakeholders with real-time insights about data.
- Facilitated and delivered the migration of data away from Excel workbooks to a more robust software.
- Designed a fully standardized core database in Azure Cosmos DB, optimizing data storage and retrieval processes.

Skills

Technical Skills: Python(Numpy, Django, PyTorch), SQL, Docker

Language skills: English(Fluent), French(Proficient), Azerbaijani(Native), Turkish(Native)

Leadership / Extracurricular

Data science club

September 2021 – February 2022

Co-Lead

French - Azerbaijani University

- Delivered educational sessions about data science
- Organized 8 weekly events with experienced professionals in data science field

Data Science Mentor

March 2022 – June 2022

SEG ASOIU Student Chapter

- Developed a set of data science and statistics materials, spanning 10 sessions.
- Led interactive sessions covering the foundations of the data science field for a group of 20 students.
- Provided personalized mentorship for students, guiding them through the learning process of data science.
- Kept a close eye on students’ progress, adjusting lessons for better understanding.