

HANNA DMOCHOWSKA

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 Dublin, Ireland

EDUCATION

MSc – AI in Medicine

University College Dublin

Expected 2026

BSc – Biomedical Science

Amsterdam University College (2025)

Exchange Semester: Boston College

SKILLS

- **Neuroimaging & Lab:** EEG, MRI, PCR, Western Blot, Microscopy
- **Programming & Data Analysis:** Python, R, MATLAB, PowerBI, Azure AI
- **Research:** Experimental design, signal processing, literature reviews
- **Soft Skills:** Critical thinking, collaboration, adaptability, communication
- **Languages:** English, Polish, German, Spanish

INTERESTS

- **Volunteered at** Right2Education, student-led refugee support initiative
- **Public Relations Manager at** the AUC Newscast
- **Marathon runner and Ironman finisher**

PROFILE

Biomedical sciences graduate with research and industry experience in neuroscience and AI. Skilled in EEG/MRI analysis and machine learning, currently pursuing an MSc in AI in Medicine to connect neuroscience with tech innovation. Experienced in interdisciplinary projects across academia and industry.

EXPERIENCE

Data Analyst

Lion Rock Maritime | 2024–Present

- Analyzed AIS data to optimize fleet and port performance
- Conducted forecasting and trend analysis for cost savings

AI Engineer

Ideal Shift AI | 2024-2025

- Developed AI-driven solutions for strategic decision-making
- Applied machine learning to healthcare-related challenges
- Lead project delivery and communicated findings to clients

Research Intern

Genzel Lab, Donders Institute, Radboud University | 2024

- Analyzed cortico-hippocampal LFP related to memory consolidation
- Explored aperiodic (1/f) slope during REM; prepared figures & updates for lab meetings
- Developed Python pipelines; collaborated with research group

Research Assistant

Boston College Molecular Cell Biology Lab | 2024

- Analyzed MET17 gene conservation via PCR and SDS-PAGE
- Performed plasmid transformation and microscopy

PROFESSIONAL DEVELOPMENT

- Designing and Implementing a Microsoft Azure AI Solution
- Consumer Neuroscience & Neuromarketing
- Consciousness & Cognition Summer School, University of Pisa
- Amsterdam Neuroscience Conference

REFERENCES

Available upon request