HANNA DMOCHOWSKA

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📍 Dublin, Ireland

EDUCATION

MSc – AI in Medicine
University College Dublin
Expected August 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

REFERENCES

Available upon request

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

Research Intern

Genzel Lab, Radboud University | Jan 2026 - Present
- Developing a GUI for phasic vs tonic REM sleep classification
- Applying signal processing and machine learning to neural data

Data Analyst

Lion Rock Maritime | Jun 2024-Present
- Analyzed AIS data to optimize fleet and port performance
- Conducted forecasting and trend analysis for cost savings

AI Engineer

Ideal Shift AI | Dec 2024 - Jun 2025
- Developed ML solutions for healthcare decision-making tasks
- Applied modelling techniques to real-world medical datasets
- Communicated technical results to stakeholders

Research Intern

Genzel Lab, Donders Institute, Radboud University | Sep-Dec 2024
- Analyzed cortico-hippocampal LFP in memory consolidation
- Explored aperiodic slope during REM; prepared figures & updates for lab meetings
- Developed Python pipelines; collaborated with research group

Research Assistant

Boston College Molecular Cell Biology Lab | Jan-May 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