

NATASZA SIWINSKA

Data Scientist | Brain Science | Cognitive Neuroscience

CONTACT

+44 7834 640433

natsiwinska@gmail.com

[LinkedIn](#) | [GitHub](#) | [Personal Website](#)

PROFILE

Nationality: Polish, British
Driving license: British

Data Scientist with interdisciplinary training in Brain and Data Science and Cognitive Neuroscience. Strong background in statistical analysis, machine learning, and experimental research, with experience applying quantitative methods in biotech, education, and research settings.

PROFESSIONAL EXPERIENCE



Clinical Psychology Internship

Dr David Polezzi Office | April 2026 – Present

Observing and aiding in carrying out psychological assessments to mainly adolescents and children, primarily focusing on ADHD and behavioural difficulties.



Data Analysis Mentor

Uptrail Ltd | May 2025 – Present

Mentored 100+ learners in Python-based data analysis; data cleaning, EDA + interpretation. Guided structured problem-solving and clear communication of analytical results.



Content Intern

AiCore | Sep 2024 – Nov 2024

Developed technical learning content on data science, machine learning, and applied Python. Translated complex concepts into concise, accessible educational material.



Patient Advocacy Intern

illumina | Jul 2023 – Jul 2024

Aligned patient-group objectives with corporate strategy in genetic sequencing. Supported research and communication initiatives focused on patient-centered outcomes.



University Ambassador & Social Accessibility Officer

Pembroke College, University of Cambridge | Oct 2021 – Jul 2023

Led outreach initiatives improving access to higher education for underrepresented students.

TECHNICAL SKILLS

Programming and Data Analysis:

Python, R, SQL
Pandas, Scikit-learn, PyTorch
Statistical modeling and hypothesis testing

Software and Tools:

Power BI, PsychoPy, Microsoft Office, Git
Neuroimaging/electrophysiological familiarity

Methods and Approaches:

ML, statistical modelling, signal processing, HDDM

Clinical and Assessment Tools:

Montreal Cognitive Assessment
Clinical interviewing (supervised)
Psychological report writing

PROJECTS/RESEARCH

- Self Referential Drift Rate Modeling
[More Information](#) | [Github](#)
- Tadesse Reddit Depression Replication
[More Information](#) | [Github](#)
 - EEG Cohesion Analysis
[More Information](#) | [Github](#)
- Object Permanence in AI and Human Comparison
[Publication Link](#)
- CURRENT: Difference in perception of Human vs AI rendered faces

ACHIEVEMENTS

- Erasmus Mundus Scholar
- University of Cambridge graduate
- Duke of Edinburgh Award – Platinum
- Pembroke College badminton captain
- Pembroke College Social Accessibility Officer