

ANYA WILD

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EDUCATION

Northeastern University | Khoury College of Computer Science | Boston, MA May 2026
Bachelor of Science in Data Science and Behavioral Neuroscience 3.97 GPA
Relevant Coursework: Machine Learning, Artificial Intelligence, Object Oriented Design, Information Visualization, Database Design, Human Computer Interaction, Psychopharmacology, Clinical Neuroscience
Extracurriculars: NU Researchers of Neuroscience (Operations Officer 2025 - Current, Mentor 2023 - Current), NU Computer Science Mentoring Organization (Mentor 2024 - 2025), Nu Rho Psi Honor Society
Awards: Khoury College of Computer Science Dean's List (2022 - 2025)

COMPUTER SKILLS

Languages: Python | Java | SQL | R | HTML/CSS | JavaScript
Tools & Technologies: Git/GitHub | VSCode | IntelliJ | PyCharm | Jupyter | Eclipse | RStudio | D3.js
Databases/Data Management: Microsoft SQL Server | MySQL | Redis | DataGrip | MongoDB | PostgreSQL

PROFESSIONAL EXPERIENCE

Data Science 3000 Teaching Assistant Sept. 2025 - Current
Khoury College of Computer Science at NU Boston, MA

- Assisted students across 3 sections of an upper-level Python-focused Foundations of Data Science course.
- Mentored 5 student groups for final projects of implementing ML models with real-world data.
- Held bi-weekly office hours to provide individualized support with understanding course concepts.
- Graded coding assignments and math exams, delivering consistent and constructive feedback.

Network Science Research Co-op Jan. - May 2025
Network Science Institute at NU London London, UK

- Applied Python-based ML and statistical modeling to fMRI data, revealing network-level effects of Transcranial Ultrasound Stimulation (TUS) on brain functional connectivity (FC).
- Computed graph metrics including FC, synergy, and redundancy matrices to address higher-order dynamics.
- Synthesized analyses into a research poster presented at Northeastern's RISE undergraduate conference.

Data Management Co-op Jan. - June 2024
Massachusetts General Hospital, Neurological Clinical Research Institute Boston, MA

- Developed and maintained SQL infrastructure to generate data reports for over 50 research sites.
- Designed and implemented SQL data quality checks to identify potential errors in site-entered data.
- Coordinated deliverables across 3 Data Management teams for ALS, EAP, and stroke studies.
- Presented a final project on a suite of data checks developed for the national DISCOVERY study.

Lab Assistant Sept. 2023 - Jan. 2024
Center for Translational NeuroImaging at NU Boston, MA

- Managed animal subjects for studies on neurodegeneration, drug abuse, and pharmacological safety.
- Collected, organized, and recorded MRI data for subsequent quantitative and qualitative analysis.
- Learned and utilized imaging modalities and techniques to support neuroimaging research projects.

PROJECTS

Dementia Progression Model | Python Jan. 2026 - Current

- Utilized a Convolution Neural Network (CNN) to extract relevant features from neuroimaging data.
- Created a Hidden Markov Model using features from CNN to predict the next states of progression.

Wildfire Trend Prediction Model | Python Oct. - Dec. 2024

- Developed linear and polynomial regressions and classification models to predict wildfire locations.
- Integrated data from NASA's Fire Information for Resource Management System (FIRMS) API.

Reversi Game | Java Oct. - Dec. 2023

- Coded a Java implementation and GUI for the game Reversi, with a model-view-controller design.
- Implemented virtual opponents to automatically play turns based on a set of decision algorithms.