

COURTNEY MAYNARD

Boston, Massachusetts ▪ maynard.co@northeastern.edu

EDUCATION

Northeastern University

Boston, MA

PhD in Computer Science

Sep. 2025 - 2030 (Expected)

Advisor: Tina Eliassi-Rad

William & Mary

Williamsburg, VA

B.S. in Data Science (Concentration in Data Applications, Minor in Mathematics)

Aug. 2021 - May 2025

Phi Beta Kappa, Summa Cum Laude, Departmental Honors, GPA 3.95/4.0, Deans List All Semesters

RESEARCH EXPERIENCE

RADLAB, Northeastern University

Boston, MA

Graduate Research Assistant

Sep. 2025 - Present

- Conducting research in mechanistic interpretability (circuit localization, belief stability and coherence), LLM-simulation, and graph machine learning

Geospatial Evaluation and Observation Lab (geoLab), William & Mary

Williamsburg, VA

Undergraduate Research Assistant

Jan. 2022 - May 2025

- Served as geoAnalytics Team Lead (Fall 2024 & Spring 2025) and Technical Lead (Fall 2023), managing multiple project teams.
- Designed a road network simplification algorithm via constrained subgraph removal
- Applied interpretability methods to satellite imagery-based CNNs
- Contributed to various projects sponsored by NASA, the Global Environmental Facility (GEF), the Department of Homeland Security, and the Global Education Observatory (GEO).

NEWS Lab, William & Mary

Williamsburg, VA

Undergraduate Research Assistant

Nov. 2024 - Aug. 2025

- Developed a transformer-based ML algorithm and pipeline for automatic classification of law cases, in support of the William & Mary Election Law Program's [Election Law Navigator](#).
- Utilized deep learning, NLP, graph mining, and data engineering techniques.

PUBLICATIONS AND PREPRINTS

- [1] C. Tan*, M. Lampert*, **C. Maynard***, A. Ramakrishnan, T. Eliassi-Rad, and I. Scholtes. "Can Graph Learning Learn Circuits?." arXiv preprint arXiv:2608.08536 (2026).
- [2] G. Savcisens, S. Dies, **C. Maynard**, and T. Eliassi-Rad. "Belief Coevolution in a Social Network of Generalist and Specialist Large Language Models." arXiv preprint arXiv:2607.27512 (2026).
- [3] †S. Dies, **C. Maynard**, G. Savcisens, and T. Eliassi-Rad, "Epistemic Familiarity is Associated With Belief Stability in Large Language Models," arXiv preprint arXiv:2511.19166 (2026).

*Denotes equal contribution

†Accepted to the *Findings of EMNLP, 2026* and awaiting publication

[4] K. Lanouette, M. Church, and C. **Maynard**, “Appearing and Disappearing in the Data: Emotional Configurations Within Children’s Data Modeling Practices,” in *Proceedings of the 17th International Conference of the Learning Sciences-ICLS 2023*, pp. 1402-1405, International Society of the Learning Sciences, 2023.

PROFESSIONAL EXPERIENCE

Bloomberg Center for Government Excellence & Data Science for Social Good Foundation *Baltimore, MD*
Data Science for Social Good Fellow May - July, 2026

- Designed a data engineering pipeline to transform Boston traffic intersection videos into a comprehensive database of mobility patterns (turn counts, bike lane blockages, road segments, etc.) using computer vision techniques
- Served as primary technical lead and liaison between fellowship team and Boston analyst partners

Dicks Sporting Goods *Pittsburgh, PA*
Data Science Intern May - July, 2024

Navy Federal Credit Union *Vienna, VA*
Lending Analytics Intern May - Dec. 2023

TEACHING EXPERIENCE

Teaching Assistant *Williamsburg, VA*
Introduction to Data Science, William & Mary Spring 2023, Fall 2023, Fall 2024

Teaching Assistant *Virtual*
Summer Immersion Program, Girls Who Code May - July 2022

HONORS, AWARDS, AND GRANTS

Phi Beta Kappa, William & Mary May 2025

Summa Cum Laude, William & Mary May 2025

Highest Honors in Data Science, Department of Data Science at William & Mary May 2025

Thesis: Synchronizing Graph and Embedding Representations of Lyrical Data with Graph Neural Networks and Developing a Classification-to-Generation Workflow For Genre-Specific Songs

Data Science Pioneer Award, Department of Data Science at William & Mary May 2025

Charles Center Honors Fellow (\$4000) Summer 2024

James Monroe First-Year Grant (\$1000) Summer 2022

James Monroe Scholar, William & Mary Sep. 2021 - May 2025

National Merit Scholar Finalist 2021

ACADEMIC SERVICE

William & Mary Board of Visitors, Committee on Academic Affairs *Williamsburg, VA*
Student Representative Sep. 2024 - May 2025