

# Daniel P. Ruskin

[ruskin@umd.edu](mailto:ruskin@umd.edu) [danielruskin.github.io](https://danielruskin.github.io)

## Education

<b>Ph.D. Student, University of Maryland</b> <i>Information Studies</i>	Aug 2025 – Present
<b>Bachelor of Science, Washington University in St. Louis</b> <i>Computer Science   Second Major: Systems Science &amp; Engineering   Minor: History</i>	Aug 2021 – May 2025

## Research Interests

Data Science, Machine Learning, Network Analysis, Digital History

## Journal Articles

1. **Ruskin, D.**, Rasul, R., & McCann-Pineo, M. (2022). [Predictors of emergency department opioid use among adolescents and young adults](#). *Pediatric Emergency Care*, 38(8), e1409–e1416.

## Preprints

1. Jung, W. J., Acharya, S., **Ruskin, D. P.**, Liao, S., Akbary Moghaddam, V., Erdenebaatar, Z., & Brent, M. R. (2026). [METANet: A supervised ensemble learning framework for reconstructing direct and functional tissue-specific transcription factor networks](#). *bioRxiv*.

## Presentations

1. Jung, W.J., Acharya, S., **Ruskin, D. (presenter)**, Liao, S., Moghaddam, V.A., & Brent, M.R. (2024). Mapping Transcription Factor Regulatory Networks in Human Tissues Using Ensemble Learning. *Midstates Consortium Undergraduate Research Symposium in the Physical Sciences, Mathematics and Computer Science*. Talk.
2. Jung, W.J., Acharya, S., **Ruskin, D. (presenter)**, Liao, S., Moghaddam, V.A., & Brent, M.R. (2024). Mapping Transcription Factor Regulatory Networks in Human Tissues Using Ensemble Learning. *Undergraduate Research Symposium at Washington University in St. Louis*. Talk.

## Teaching

<b>Introduction to Engineering Design, Washington University in St. Louis</b> <i>Assistant Instructor</i>	Spring 2023, Spring 2024
<b>Introduction to ESE, Washington University in St. Louis</b> <i>Peer Solving Team Leader</i>	Fall 2022, Fall 2023

## Previous Research/Professional Experience

<b>The Brent Lab at Washington University in St. Louis</b> <i>Research Assistant</i>	Aug 2023 – Aug 2025
<b>Regeneron Pharmaceuticals</b> <i>Molecular Profiling and Data Science Intern</i>	Jun 2023 – Aug 2023
<b>The Feinstein Institutes for Medical Research at Northwell Health</b> <i>High School Researcher</i>	Apr 2020 – Jun 2021

## Awards

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### **Dean's Fellowship**

Fall 2025

*UMD College of Information*

### **Research Excellence Award**

Apr 2025

*WashU Department of Computer Science and Engineering*

- One of three students in the 2025 graduating class selected for excellence in computer science research.

### **Senior Academic Excellence Award and Antoinette Frances Dames Award**

Apr 2025

*WashU McKelvey School of Engineering*

- One of 13 students in the 2025 graduating class with a 4.0 cumulative GPA.

### **Antoinette Frances Dames Award**

Apr 2023

*WashU McKelvey School of Engineering*

- One of 20 students with a 4.0 cumulative GPA after three semesters.