

# Jason Portenoy

jason.portenoy@gmail.com | jasport.org

## Education

*University of Washington, Information School*

Seattle, WA

PhD, Information Science

2021

- Dissertation: "Harnessing Scholarly Literature as Data to Curate, Explore, and Evaluate Scientific Research"
- Committee: Jevin D. West (Chair), Emma Spiro, Bill Howe, Benjamin Mako Hill

MS, Information Science

2017

*Brown University*

Providence, RI

BS, Neuroscience

2008

## Work Experience

*University of Washington*

Seattle, WA

Research Assistant / Teaching Assistant

Sept 2013 -- June 2021

- Research projects with Center for an Informed Public, Military Suicide Research Consortium, National Academy of Sciences, JSTOR, Science History Institute, Pew Charitable Trusts
- TA experience: Advanced Data Science Methods, Calling BS in the Age of Big Data, Design Thinking, Information Systems Analysis and Management, Client Side Web Development, Capstone

Research Analyst

Sept 2021 -- Present

- With the Gordon and Betty Moore Foundation, developing a tool to explore U.S. government-funded research grants over time.

*Allen Institute for AI (AI2)*

Seattle, WA

Intern / Visiting Researcher

March 2020 -- Present

- With the Semantic Scholar team: Built AI-enabled scholarly recommendation systems and wrote research publications.

*Chan Zuckerberg Initiative*

Redwood City, CA

Visiting Researcher

May 2019 -- Sept 2019

- With the Meta team: Analyzed networks of biomedical researchers to improve suggestions of new papers in research feeds.

*Microsoft Research and AI*

Redmond, WA

Summer Research Intern (Mentors: Paul Bennett, Ryen White, Eric Horvitz)

June 2017 -- Sept 2017

## Skills

Python, Pandas, JavaScript, React, Typescript, R, SQL, D3, HTML, CSS, Linux, Git

Network Analysis, Visualization, High Performance Computing, Machine Learning, Databases

## Selected Publications

**Portenoy, J.**, & West, J. D. (2020). Constructing and evaluating automated literature review systems. *Scientometrics*.

**Portenoy, J.**, Hullman, J., & West, J. D. (2017). Leveraging Citation Networks to Visualize Scholarly Influence Over Time. *Frontiers in Research Metrics and Analytics*.

Kim, L., **Portenoy, J. H.**, West, J. D., & Stovel, K. W. (2020). Scientific journals still matter in the era of academic search engines and preprint archives. *Journal of the Association for Information Science and Technology*.

Hope, T., **Portenoy, J.**, Vasan, K., Borchardt, J., Horvitz, E., Weld, D. S., Hearst, M. A., & West, J. (2020). SciSight: Combining faceted navigation and research group detection for COVID-19 exploratory scientific search. *EMNLP 2020*.

See full CV for more.