

Jason Portenoy

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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*.

Portenoy, J., Radensky, M., West, J., Horvitz, E., Weld, D., & Hope, T. (2022). Bursting Scientific Filter Bubbles: Boosting Innovation via Novel Author Discovery. *CHI 2022* (In press).

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*.

See full CV for more.