

Caitlin Hilverman, PhD

Data Science Lead

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(518) 965-8960
Hudson, NY

EXPERIENCE

Senior Data Science Manager – SonderMind

August 2021 - January 2023, Remote

- Develop strategy and technical plan for data science team
- Manage, develop, and motivate a team of data scientists
- Develop cross-team partnerships and work coordination
- Serve as a thought leader and expert in a mental health product
- Lead analysis to identify business needs and priorities
- Support data-driven decision-making across the organization

Deputy Director of Special Projects – Qntfy

August 2020 - August 2021, Remote

- Developed technical plan for product and government work
- Managed a team of data scientists and software developers
- Served as Program Manager for DoD projects and oversaw technical strategy and planned work using Agile framework
- Prototyped / deployed machine learning models
- Lead business development efforts through writing proposals

Senior Data Scientist – Qntfy

September 2019 - August 2020, Remote

- Prototyped machine learning models of natural language and behavioral data, both structure and unstructured
- Developed and delivered information extraction analytics
- Conducted rigorous, replicable research and experiments for publication, grant proposals, and product development

EDUCATION

Vanderbilt University — Postdoc

August 2016 - September 2019, Nashville, TN

Conducted 6 experiments on memory from design to publication

University of Iowa — PhD

August 2011 - August 2016, Iowa City, IA

Completed a dissertation on language and memory; 15 publications

University of Rochester — BA

August 2006 - May 2010, Rochester, NY

Earned degrees in Cognitive Science and American Sign Language

SKILLS

Creating strategy-aligned roadmaps for technical and product teams

Managing, motivating, and leveraging the talent of diverse technical teams

Integrating input from data science, engineering, UX, and product to create a cohesive strategy and work plan

Fostering cross-team collaboration and overseeing co-dependent projects

Identifying and integrating novel data sources into our client database

Leading analysis and rigorous research, AB testing, and experimentation

Designing and implementing tests with sound experimental design

Developing machine learning models serving business needs and priorities

Serving as an expert in human behavior, statistics, and scientific writing and communication across teams

TOOLS

Python, R, SQL, SageMaker

Looker, bash/UNIX, Jira/Confluence

HONORS

Hudson Area Library Board President, March 2022 - present

NIH NIDCD's National Research Service Fellowship Award, 2017-2019

Psychonomic Society's Clifford T. Morgan Best Article Award, 2017

NSF GRFP Award, 2012-2017