Samuel F. Way

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PROFESSIONAL EXPERIENCE

Flatiron Health

Senior Applied Scientist, AI/ML (April 2024 - Present)

- Leading AI development within the Clinical Research Business Unit (CRBU)
- Building human-AI systems to improve matching (~recommendation/retrieval) of patients to clinical trials, continuous monitoring of patient outcomes, and automation of internal operations

Spotify

Research Manager (August 2022 - March 2024)
Senior Research Scientist (March 2022 - August 2022)
Research Scientist (May 2019 - March 2022)

- Led cross-functional research to improve Spotify's personalization algorithms and scale human evaluation using generative AI, human-in-the-loop machine learning
- Developed globalization strategy and corresponding recommender systems to localize the product, directly influencing the executive team's approach to market expansion
- Grew an interdisciplinary team of researchers and advised collaborations across a wide range of applications, everything from Search and Recommendations to Trust & Safety

University of Colorado Boulder

Postdoctoral Research Associate (September 2017 - May 2019)

- Applied causal inference techniques to study career trajectories in science and quantify the impact of research environments on productivity and prominence. Published in ***PNAS***.

Facebook

Core Data Science Intern (May 2017 - September 2017)

- Modeled mechanisms that drive collective advocacy and the barriers that inhibit participation for underrepresented groups

EDUCATION

PhD in Computer Science, University of Colorado Boulder (2017)
MS in Electrical Engineering, University of Nebraska–Lincoln (2012)
BS in Electrical Engineering, University of Nebraska–Lincoln (2010)
BS in Computer Engineering, University of Nebraska–Lincoln (2010)

SKILLS

Leadership: people management, career development, research design, translating science into product, scientific communication, product strategy, vision planning
Technical: AI, LLMs, multi-agent systems, machine learning, data science, causal inference, natural language processing, network science, mixed-methods research, data visualization
Tools: Google Cloud, Azure AI Studio, AWS Bedrock, OpenAI (GPT), Python, SQL, Matplotlib, D3.js

SELECT PUBLICATIONS

"Local trends in global music streaming" in *Proceedings of the International Conf. on Web and Social Media*
"Exploring local music's place in global streaming" in *Proceedings of Web Science Conference*
"Productivity, prominence, and the effects of academic environment" in *PNAS*
"**The misleading narrative of the canonical faculty productivity trajectory**" in *PNAS*