ABOUT

Mathematician turned machine learning researcher, with 10 years of experience collaborating with small teams on difficult and abstract problems.

Accomplished at analyzing problems, constructing solutions, and effectively communicating the results to users and stakeholders with varying levels of expertise. Excels at synthesizing and distilling complex concepts/scenarios into easily understandable forms, analytical reasoning, and rapidly acquiring new skills and knowledge.

EXPERIENCE Yahoo, Research Scientist, 2022–Present

University of Illinois Urbana-Champaign, Assistant Professor, 2016–2021. Stanford University, Postdoctoral Fellow, 2013–2016. Institute for Advanced Study, Member, 2014–2015.

ACADEMIC Summary

- Published 10 papers (400+ citations) in geometry and probability in top math journals
- 20+ keynote speeches at international conferences (e.g. Germany, France, UK)
- 20+ research lectures at elite universities (e.g. MIT, Columbia, Berkeley, ETH Zürich)
- Taught dozens of math courses at the upper undergraduate and graduate level

EDUCATION

University of Chicago, Ph.D., Mathematics, 2013.

National Science Foundation Postdoctoral Research Fellowship

Reed College, B.A., Mathematics, 2007.

Phi Beta Kappa, Barry M. Goldwater Scholarship

SKILLS

Python, Git, Scikit-Learn, PyTorch, Keras, NumPy, SciPy, Pandas, Machine Learning, Data Science, Probability, Statistics, Mathematics

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