# Strom Borman                              PhD Mathematician

---

ABOUT

Mathematician who excels at analytical reasoning, communicating complicated ideas, and rapidly acquiring new skills and knowledge.

Seeking a position aimed at tackling problems with a more tangible effect on the world than pure math research. To that end, have concentrated on developing programming/analytics skills to match my aptitude for quantitative reasoning. Focused on data science and machine learning in Python, data analysis in SQL, algorithms, and data structures.

Possess 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. Excellent at synthesizing and distilling complex concepts/scenarios.

Academic Work:
- 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

TRAINING

**DataCamp**.com (200+ hours of courses: datacamp.com/profile/stromborman)
- Data Scientist Professional Certification (in progress)
- Python Programming, Machine Learning, Data Analysis in SQL: Tested at 95%+

**AdventOfCode**.com
- Python solutions to 40+ problems from 2020 and 2021
- GitHub repository with solutions: github.com/stromborman/sandbox

EXPERIENCE

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

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, SQL, GitHub, Machine Learning, Data Science, Data Analysis, Probability, Statistics, Mathematics

CONTACT

stromborman@gmail.com                linkedin.com/in/stromborman
+1 (773) 458-8108                    github.com/stromborman

CITIZENSHIP  USA