

BENJAMIN L. WEISS

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SUMMARY: Driven and innovative research mathematician. Expert in extracting and communicating technical ideas to any audience. Seeking a position in data science/analytics/machine learning where I can both apply my skills as a problem solver to interesting problems, and collaborate with other team members.

RELEVANT SKILLS:

- Strong quantitative and problem-solving skills
- Proven ability to interact with groups
- Excellent presentation and communication skills, including simplifying and communicating essential and complex concepts

EDUCATION:

2005-2011 Ph.D. in Mathematics, University of Michigan

- Thesis: *Diophantine Equations with Two Separated Variables*

2001-2005 B.A. in Mathematics from Columbia University, Magna Cum Laude

PROFESSIONAL EXPERIENCE:

2013-Present Assistant Professor, University of Maine–Orono

- Lectured in both small, and large mathematics classes, including the problem solving seminar
- Worked on self directed research program in number theory, combinatorics, probability, and discrete mathematics
- Proposed and advised graduate and undergraduate thesis research in discrete mathematics, differential equations, and combinatorics. Mentored students of all levels.

2012-2013 Visiting Assistant Professor, Bates College

- Taught over 150 calculus students
- Assisted students thesis projects on biostatistics, combinatorics, and arithmetic dynamics

2011-2012 Postdoctoral Researcher, Technion–Israel Institute of Technology

- Collaborated on research program with full time faculty

SELECTED INVITED LECTURES:

- Yale's Algebra and Number Theory Seminar
- Georgia Tech's Algebra seminar
- Annual Joint Mathematics Meetings special session on Computational Algebraic Geometry

AWARDS:

- Top Graduate Student Instructor, Spring 2009.
- Simons Travel Grant, 2012-2014

LECTURE SERIES:

- Organized, and presented seminar on algebra, number theory, and dynamics at Technion
- Organized University of Maine colloquium series, and department number theory seminar

PROGRAMMING LANGUAGES:

Matlab, Python, C

REFERENCES Available Upon Request