Daniel Miller

MATHEMATICIAN — DATA SCIENTIST

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Summary

I'm a Ph.D. student…

Education

Cornell University *Ithaca, NY*
PH.D. IN MATHEMATICS *August 2012–May 2017*
- TA, Czar's Assistant, what does that mean.
- Coursework: Algebraic topology—Linear algebraic groups—Real analysis—Smooth manifolds, Eleanor Norton York Award.

Cornell University *Ithaca, NY*
MASTER'S IN COMPUTER SCIENCE *August 2015–May 2017*
- Cloud computing—Operating systems

University of Nebraska Omaha *Omaha, NE*
B.S. IN MATHEMATICS *August 2009–July 2012*
- Minor in Computer Science., Graduated *summa cum laude*, with Highest Honors in Mathematics.

Research Experience

Computational statistics of elliptic curves
CORNELL UNIVERSITY (PHD) *August 2015–May 2017*
- Bla bla

Summer Mathematics Institute
CORNELL UNIVERSITY (UNDERGRAD) *Summer 2011*
- Research in Nonlinear Functional Analysis with Anthony Weston

FUSE
UNIVERSITY OF NEBRASKA OMAHA *Summer 2011*
- Research on Hopf–Galois theory with Griff Elder

Kerrigan Minigrant
UNIVERSITY OF NEBRASKA OMAHA *Summer 2011*
- Computed difficult counterexample in complex analysis with Valentin Matache

Casey Kelleher, Daniel Miller, Trenton Osborn, and Anthony Weston. Strongly non-embeddable metric spaces. *Topology Appl.*, 159(3):749–755, 2012.

Casey Kelleher, Daniel Miller, Trenton Osborn, and Anthony Weston. Polygonal equalities and virtual degeneracy in L_p-spaces. *J. Math. Anal. Appl.*, 415(1):247–268, 2014.

Skills and Activities

Programming: C — C# — Java — TEX— Python

Resident Advisor *Ithaca, NY*
CHESTERTON HOUSE *August 2013–May 2014*
- Coordinated living responsibilities and events for a household of 15 men.

Tutor at the Math–Science Learning Center *Omaha, NE*
UNIVERSITY OF NEBRASKA OMAHA *January 2012–May 2012*

- Tutored undergraduate students in calculus, discrete math, and differential equations.