

Sean Spriggens

Curriculum Vitae

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Education

- 2016–2019 **Graduate Studies in Mathematics**, *Syracuse University*, GPA: 3.89
2014–2016 **M.S. in Mathematics**, *Syracuse University*
2010–2014 **Honors B.S. in Mathematics**, *University of Rochester*, GPA: 3.85
Magna Cum Laude with Highest Distinction. Authored undergraduate thesis on Differential Topology, focusing on the Jordan-Brouwer Separation Theorem.

Experience

Teaching

- 2019–Present **Math Tutor**, *Syracuse University Center for Disability Resources*
○ Delivered tailored one-on-one instruction in Mathematics, Physics, Statistics, and Computer Science to over 50 students annually.
- 2014–2019 **Teaching Assistant**, *Syracuse University*
○ Taught weekly recitations and prepared course materials for Calculus I, II, III and Introductory Statistics.
○ Designed, proctored, and graded quizzes and exams for classes of up to 100 students.
- 2015, 2017 **Calculus Clinic**, *Syracuse University*
○ Provided drop-in tutoring and answered coursework-related questions for over 50 students annually.
- 2012–2013 **Computer Science Workshop Leader**, *University of Rochester*
○ Led weekly two-hour workshops for CSC 171 (Introduction to Computer Science) and CSC 172 (Data Structures and Algorithms) using a peer-instruction model.
○ Completed concurrent two-semester workshop leadership course to enhance facilitation skills.

Leadership and Other Roles

- 2016–2017 **Inn Complete Department Wrangler**, *Syracuse University*
○ Organized weekly social events to foster camaraderie among graduate students.
- 2011–2013 **President of Film Interest Floor**, *University of Rochester*
○ Organized campuswide film-related events, including screenings and discussions.

Awards

- 2014 Syracuse University Mathematics Department Graduate Fellowship (awarded to one incoming student per year).
- 2014 Elected to Phi Beta Kappa, the nation's oldest academic honor society.
- 2010 Bausch and Lomb Honorary Science Award and Scholarship.
- 2010 Clarkson Leadership Award for demonstrated leadership potential.