
Contact Info

Boyd Graduate Research Studies
Department of Mathematics
Athens, Georgia, 30602

<http://andrewmaurer.github.io>
andrew.b.maurer@gmail.com

Summary

Motivated and independent mathematician with broad interests in technical fields including data science, open source software, and science education.

Trained as a mathematician, Andrew grasps abstract concepts quickly and is able to apply these concepts concretely to return results.

Andrew entered college in 2010 and blew through the undergraduate mathematics curriculum. Following a *Research Experience for Undergraduates* after his sophomore year of college, Andrew completed the basic graduate sequences in mathematics. Supplemented by his computer science coursework, —

Education

University of Georgia

Mathematics, Ph.D Candidate

ATHENS, GEORGIA

2014 – Present

Advisor: Daniel K. Nakano. My research is on representation theory, with particular emphasis on the cohomology and support variety theory of Lie superalgebras. Additionally participated in research in tropical geometry and algebraic geometry, as well as projects in data science and statistics. Served as president and secretary for graduate student organization, logistic organizer for student algebraic geometry seminar, and logistic organizer for graduate visitation day.

University of Massachusetts

Mathematics, Bachelor of Science. Computer Science, Minor.

AMHERST, MASSACHUSETTS

2010 – 2014

Advisor: Farshid Hajir. Exceptional amount of graduate coursework in analysis, algebra, geometry, and number theory. Multiple research projects in number theory and knot theory. Senior thesis elaborated on research paper by writing code to collect data concerning a family of polynomials which was in turn used to prove an original result.

Skills

- **Software:** *Operating Systems:* Windows, GNU/Linux, Mac OS. *Scripting:* Bash, Perl. *General Programming:* Python, Java. *Mathematical Programming:*
- **Teaching:**
- **Research:**

Experience