

JONATHAN MERLINI

 jmerl.in  jonathanmerlini  jmerlini

SUMMARY

Ambitious mathematics graduate seeking an opportunity to take advantage of my strong organizational skills, educational background, and problem-solving expertise.

EMPLOYMENT

University of Oklahoma

Teaching Assistant · Aug. 2013 to May 2018, Aug. 2013 to May 2018 · Norman, OK

While working toward a PhD in Mathematics, worked as an instructor for College Algebra, Business Precalculus, Calculus I, Calculus II, and Business Calculus I; grader for Calculus III, Calculus IV, and Analysis

University of North Carolina Wilmington

Teaching Assistant · Aug. 2011 to May 2013 · Wilmington, NC

Instructor for Mathematical Study Skills and Algebra Review; problem sessions for College Algebra and Calculus III; grader for Calculus III

North Carolina State University

Administrative Coordinator · Aug. 2007 to May 2009 · Raleigh, NC

Supervised 80 residents, organized meaningful programs, built a community, advised residents on personal and academic issues, and resolved conflicts. After being promoted from Resident Advisor to Administrative Coordinator, I lead a staff of Resident Advisors, trained new staff members, assisted with various administrative duties, and served as an experienced resource.

EDUCATION

North Carolina State University · Aug. 2006 to May 2010

B.S. Mathematics 2010

Minors in Spanish, French, & Middle Eastern Studies

University of North Carolina Wilmington · Aug. 2011 to May 2013

M.S. Mathematics 2013

Kalimate Language & Cultural Center · June 2010 to July 2010

NCSU Egypt Study Abroad Program

SKILLS

MATHEMATICS: Abstract Algebra, Algebraic Topology, Calculus, Cryptography, Differential Equations, Differential Geometry, Graph Theory, Linear Algebra, Topology

PROGRAMMING: Python, SQL, HTML, CSS, LaTeX, Maple, Mathematica

LANGUAGES: English (Fluent), French (Moderate), Spanish (Moderate), Arabic (Basic)

SOFTWARE: Microsoft Word, Microsoft Office, Linux, Unix Terminal

ACTIVITIES

Norman Science Cafe · Coordinator

Aug. 2013 to May 2018

Worked with local public library to obtain University of Oklahoma professors to discuss topics in their area of interest with a general audience.

Directed Reading Program · Coordinator and Mentor

Aug. 2016 to May 2018

Cofounded, organized, and mentored in a reading program for curious undergraduate math majors to learn about a variety of subjects in mathematics.

Math Graduate Student Association · President

Aug. 2013 to May 2017

Organized social and academic events for mathematics graduate students.