

## EDUCATION

### Master of Mathematics

May 2013

San Diego State University, San Diego, CA

- Graduated with a 3.93 GPA in the program designed for community college teachers
- Excelled in rigorous mathematics courses and in crucial math education courses
- Awarded a teaching assistantship
- Recruited for a research assistantship in modern algebra

Purdue University, West Lafayette, IN

Sep. 2010 - May 2011

- Studied mathematics to prepare for a graduate program
- Excelled in engineering courses before choosing a new career path

### Bachelor of Science in Engineering Physics

May 2010

Point Loma Nazarene University, San Diego, CA

- All four years on the Dean's List, graduating *cum laude*

## EXPERIENCE

### Adjunct Professor of Mathematics

Jan. 2014 – now

Point Loma Nazarene University, San Diego, CA

- Currently teaching two hybrid online courses in mathematical problem solving
- Taught an accelerated intermediate algebra course covering algebra I & II topics
- Taught math for elementary teachers, skilled in lesson plan development

### Adjunct Professor of Mathematics

Aug. 2013 – now

Grossmont College, El Cajon, CA

- Currently teaching precalculus and applied calculus
- Also taught multivariate calculus, algebra, prealgebra; all with excellent evaluation
- Experienced in numerous online interfaces e.g. MathXL, WebAssign, MyMathLab

### Adjunct Professor of Mathematics

Aug. 2013 – now

Southwestern College, Chula Vista, CA

- Currently teaching intermediate algebra and graphing calculators
- Experience in many courses, including prealgebra, algebra, and trigonometry

### Adjunct Professor of Mathematics

Aug. 2015 – Dec. 2016

Cuyamaca College, El Cajon, CA

- Taught calculus II for three semesters
- Experience with personal website design to promote self-learning

### Graduate Teaching Assistant

Sep. 2012 - May 2013

San Diego State University, San Diego, CA

- Taught a number systems course for elementary school teachers
- Assisted in the "inverted method" calculus course with excellent evaluation
- Assisted an online precalculus course using Wiley PLUS
- Extensive feedback by SDSU faculty aimed towards professional development

- OTHER EXPERIENCE**      **Graduate Research Assistant**      2012  
San Diego State University Research Foundation, San Diego, CA
- Research in high level algebra in the area of algebraic coding theory
  - Aided in the development of SAGE, a free web-based algebra program
- Teaching Assistant**      May 2011 - May 2012  
Point Loma Nazarene University, San Diego, CA
- Tutored graduate students in business statistics and quantitative methods
  - Graded coursework and exams and relayed relevant information to the instructor
- Intern at SPAWAR in Naval Research**      Summer 2008 & Summer 2009  
Office of Naval Research Enterprise Internship Program, San Diego, CA
- Was selected to participate in SPAWAR's 10-week internship two consecutive summers
  - Experience programming in MATLAB applied to naval research
  - Studied behavior of sonar signals, processed bathymetric data using statistical methods
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#### **OTHER ACCOMPLISHMENTS & SERVICE**

- Awarded the President's Scholarship in the Department of Science at PLNU
- Tutored privately for various graduate level math and statistics courses (both online and at PLNU)
- Hold office hours for courses at every institution, both paid and unpaid
- Scored a perfect 800 on the analytical (math) section of the Graduate Record Examination
- Skilled in many sports, favorite is bowling (I have bowled ten perfect 300 games, first at age 14)
- Saxophonist in the PLNU Jazz Band and PLNU Concert Band for four years