



## Kyle Havens

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### EXPERIENCE

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#### Point Loma Nazarene University

*January 2014 to present*

##### Part-Time Professor of Mathematics

- Recently updated precalculus, business mathematics, and problem solving to function fully online.
- Experienced with calculus, statistics, elementary number systems, and algebra.
- Developed and updated lab materials for calculus I and II.
- Skilled in lesson plan development and managing online coursework.
- Currently salaried on a yearly contract teaching 22-24 units.

#### University of San Diego

*January 2018 to Fall 2020*

##### Adjunct Professor of Mathematics

- Taught college algebra and calculus II.
- Skilled in designing projects to challenge the students to further explore mathematical concepts.

#### Southwestern College

*August 2013 to June 2019*

##### Adjunct Professor of Mathematics

- Experienced with recently developed accelerated algebra course (combination of intermediate algebra 1 & 2) emphasizing graphing calculator applications.
- Experienced teaching calculus II, trigonometry, algebra, and prealgebra.
- Used many online interfaces, including Canvas, Blackboard, WebAssign, MathXL, and MyMathLab.

#### Grossmont College

*August 2013 to June 2019*

##### Adjunct Professor of Mathematics

- Most recently taught calculus III (multivariate), precalculus, and elementary number systems.
- Experienced teaching applied calculus, algebra, prealgebra, all with excellent evaluation.
- Effective use of technology in the classroom such as GeoGebra and other graphical tools crucial to three dimensional modeling.

#### Cuyamaca College

*August 2015 to December 2016*

##### Adjunct Professor of Mathematics

- Taught calculus II for three semesters.
- Experienced with personal website design and WebAssign to promote self-learning.

#### San Diego State University

*September 2012 to May 2013*

##### Graduate Teaching Assistant

- Taught elementary number systems.
- Assisted in the inverted method calculus course with excellent evaluation.
- Assisted an online precalculus course using WileyPLUS.
- Extensive feedback from SDSU faculty and peers aimed towards professional development.

#### San Diego State Research Foundation

*January 2012 to September 2012*

##### Graduate Research Assistant

- Research in advanced modern algebra in the area of algebraic coding theory.
- Aided in the development of SAGE, a free web-based algebra program.

#### Point Loma Nazarene University

*May 2011 to May 2012*

##### Teaching Assistant

- Tutored graduate students in business statistics and quantitative methods.
- Graded coursework and exams and relayed relevant information back to the instructor.

## Office of Naval Research Enterprise Internship Program

Summer 2008 and Summer 2009

### Mathematics and Engineering Intern

- Was selected to participate in SPAWAR's ten week internship program for two consecutive summers.
- Experienced programming in MATLAB applied to naval research.
- Studied behavior of sonar signals and processed bathymetric data using statistical methods.

## EDUCATION

### San Diego State University

August 2011 to May 2013

#### Master of Arts in Mathematics

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

### Purdue University

September 2010 to June 2011

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

### Point Loma Nazarene University

September 2006 to May 2010

#### Bachelor of Science in Engineering Physics

- All four years on the Dean's list, graduating *Cum Laude*.
- Awarded the President's Scholarship from the Department of Science.

## SKILLS

- Certified to teach hybrid and online courses via Canvas at Point Loma Nazarene University.
- Experienced with video lecture content creation and implementation on Canvas.
- Experienced with a variety of educational technology, including but not limited to Excel, Matlab, Latex, GeoGebra, MyMathLab, WebAssign, WileyPLUS, Maple, SAGE, HTML, YouTube video creation, video editing, video streaming, tablet integration, and online whiteboards.

## OTHER ACCOMPLISHMENTS AND SERVICE

- Tutored privately for various graduate level statistics courses.
- Held office hours for courses at every institution, paid and unpaid.
- Scored a perfect 800 on the analytical (math) section of the Graduate Record Examination.
- Saxophonist in the PLNU Jazz Band and Concert Band for four years.
- Skilled in many sports, favorite is bowling where I have bowled fifteen perfect 300 games.