



Kyle Havens

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EXPERIENCE

University of San Diego

January 2018 to present

Adjunct Professor of Mathematics

- Currently teaching college algebra while assisting students without strong algebra skills
- Previously taught calculus II - skilled in designing projects to explore mathematical concepts e.g. using Taylor Series to integrate non-integrable functions such as the normal distribution

Grossmont College

August 2013 to present

Adjunct Professor of Mathematics

- Currently teaching multivariate calculus, precalculus, and elementary number systems
- Experienced teaching applied calculus, algebra, prealgebra, all with excellent evaluation
- Positively integrated technology into the classroom such as GeoGebra and other graphical tools

Point Loma Nazarene University

January 2014 to present

Adjunct Professor of Mathematics

- Currently teaching two hybrid online courses in mathematical problem solving
- Experienced teaching accelerated intermediate algebra and mathematics for elementary teachers
- Skilled in lesson plan development and integrating online coursework

Southwestern College

August 2013 to present

Adjunct Professor of Mathematics

- Currently teaching a newly developed accelerated algebra course (combination of intermediate algebra 1 & 2) emphasizing graphing calculator applications
- Experienced teaching elementary algebra, trigonometry, and prealgebra
- Used many online interfaces, including Canvas, Blackboard, MathXL, and MyMathLab

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 number systems course for elementary school teachers
- 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 online courses via Canvas at Point Loma Nazarene University
- 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 and 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 for which I have bowled twelve perfect 300 games.