

David J. Carter

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Education

Master of Science in Mathematics 2013

Northern Illinois University in Dekalb, IL

- Graduate Teaching Certificate

Bachelor of Arts in Mathematics 2011

California State University, Northridge in Northridge, CA

- Preparing Undergraduates through Mentoring towards PhD's (PUMP) participant

Associate of Science in Mathematics 2009

Antelope Valley College in Lancaster, CA

- Aerospace Walk of Honor Scholarship

Experience

Director of Technical Services Dec 2014 - Present

Tribeswell in Bloomington, IN

- Expertise in leveraging WordPress with custom themes and plugins, which make use of the WP REST API and such plugins as Advanced Custom Fields Pro, Custom Post Type UI, and WooCommerce, in order to create speed-optimized, cross-browser compatible, responsive websites.
- Well-versed in modern front-end development tools including CSS preprocessors (Sass), task automation (Gulp/Grunt), version control (Git).
- Knowledgeable in server administration (LAMP stack) to manage multiple hosting environments.
- Provided troubleshooting and bug-fix support, ongoing site maintenance through plugin and theme updates, and technical consultancy for clients.
- Experience integrating the JavaScript framework Angular v1.x with Firebase through the Ionic Framework to create hybrid apps.

Front-End Development Intern May 2014 - Aug 2014

Hanapin Marketing in Bloomington, IN

- Worked under the lead developer and collaborated with a designer on a Ruby on Rails application to develop the front-end for a paid subscription service of PPC tools.
- Gained experience with A/B testing using tools like Optimizely and Crazy Egg.

Private Mathematics Tutor Aug 2013 - May 2015

Campus Tutoring Services in Bloomington, IN

- Conducted hour-long private tutoring sessions for Indiana University students enrolled in Finite Mathematics, Brief Survey of Calculus, Precalculus, and Calculus I & II.
- Maintained a high rebooking rate and retained several students throughout the semester and some over multiple semesters.

Graduate Teaching Assistant Aug 2011 - May 2013

NIU Department of Mathematical Sciences in Dekalb, IL

- Led weekly recitations for Finite Mathematics, Core Competency in Mathematics, and College Algebra composed of 20 students each.
- Held two-hour mass test review sessions of up to 50 students where I openly answered any problems.
- One of four GTAs to operate the Calculus Tutoring Center which focused on walk-in tutoring for any Business Calculus, Calculus I, and Calculus II student.

Supplemental Instruction Leader Jan 2011 - May 2011

CSUN Learning Resource Center in Northridge, CA

- Used non-instructive techniques to support College Algebra students' learning.
- Participated in biweekly meetings to improve teaching methods.

Online Mathematics Tutor Jan 2011 - May 2011

CSUN Department of Mathematics in Northridge, CA

- Moderated two forums and multiple chat rooms to interact with students and held classroom orientations to encourage student participation.

GED Mathematics Tutor Sep 2010 - Dec 2010

GCC Continuing Education Developmental Skills Lab in Glendale, CA

- Tutored adult and ESL students obtaining GEDs as well as those preparing to enroll in mathematics courses at Glendale Community College.

After-School Mathematics Tutor Sep 2009 - Jan 2010

Community Tutoring in Canoga Park, CA

- Assisted a CSUN alumnus in creating a center for local Vietnamese children to receive tutoring in mathematics and English by collaborating with local Vietnamese store owners for space after hours.

Assistant to the Project Manager June 2009 - Aug 2009

CSI Electrical Contractors in Palmdale, CA

- Drafted blueprints and developed AutoCAD drawings for conduit specifications. Researched electrical products for purchasing manager.

Mathematics Tutor Nov 2008 - June 2009

Mathnasium in Lancaster, CA

- Tutored elementary and middle school students in the fundamentals of mathematics according to the prescribed method of instruction.

Grocery Clerk Aug 2007 - Nov 2008

Albertsons in Palmdale, CA

- Provided customer service skills throughout the store and performed a variety of tasks to ensure the smooth operation of the store.
- Worked in the Dairy Department to help stock new shipments of products and provide input on future purchases.

Restaurant Employee Sep 2005 - July 2007

Zuma's Italian Restaurant in Rosamond, CA

- During morning hours I managed the restaurant along with the owner as the sole employee.
- During evening hours I waited tables and assisted the kitchen in peak moments.
- Started as a dishwasher and worked my way up through every position at the restaurant.