

Full-Stack Web Developer with a PhD in chemistry from UC Los Angeles. Experienced problem-solver and scientific researcher with major publications. Education in full-stack development from UCLA. Technical skills include JavaScript, HTML, CSS, Python, some C/C++, responsive web design, and API database work. Experience working with libraries such as jQuery, Node.js, and Bootstrap. I value ethics, integrity, and good business sense, having spent years as a business manager and scientist. I have teaching experience as both a classroom teacher and group fitness leader, which lends itself to public speaking and teamwork skills. Certifications in programming include the UCLA extension coding bootcamp course and the Harvard edX online CS50 course (both to be completed by October). My top aim is to contribute to a team which can aid me in improving my own coding skills. I seek to be in a position where I can improve the lives of those around me, whether that be teammates or clients, in the real world or the digital world.

EDUCATION

Coding Bootcamp – UCLA Extension

To be completed, October 2020

CS50 Professional Certificate – HarvardX Online

To be completed, October 2020

Ph.D., Chemistry - University of California, Los Angeles

Dec. 2014

B.S., Chemistry - University of California, Irvine

June 2007

TECHNICAL SKILLS

Programming

- JavaScript/HTML/CSS, through self-study and UCLA Coding Bootcamp education
- JavaScript libraries including Node.js, jQuery, Express, and Bootstrap
- Object-oriented programming, responsive web design, API integration with apps, server programming, testing, working with databases
- Python and C/C++, through self-study and Harvard's edX CS50 professional certification

EMPLOYMENT

Twinwood, Inc. – Property Manager and Accountant

October 2013 – Present

- Performed business accounting and analytics, helping to achieve company growth of 3.6% of net worth yearly
- Documented important metrics, such as water usage and yearly price increases, directly leading to thousands of dollars of savings yearly
- Coordinated large earthquake retrofit projects, with spending ranges in the hundreds of thousands of dollars, between the city housing department, multiple tenants, and the company
- Trained in business and legal decision-making, accounting, keeping current on legal matters
- Responsible for upkeep and management of tenants in multiple buildings

Praxair - Lab Technician and Analytical Scientist

October 2014 – February 2015

- Lab tested dozens of gasses daily, achieving high throughput
- Maintained rigorous safety standards and documentation

University of California, Los Angeles – Researcher / Teaching Assistant

Sept. 2007 - July 2013

- Authored and published seven research papers
- Supervised multiple undergraduates in chemistry labs
- Personally mentored two undergraduates
- Taught over a dozen college-level chemistry discussion courses
- Collaborated with a team of scientists from another university to manage complex calculations

LEADERSHIP, COMMUNITY, AND ADDITIONAL SKILLS

Fitness Instructor at Santa Monica Family YMCA

Oct. 2017 – Present

- Teacher for public-facing kickboxing and choreographed dance
- Certified in CPR / AED, Pediatric CPR, and First Aid by the American Red Cross

Music

- Self-taught bassist and guitarist with a background in music theory and classical trombone
- Collaborated with other musicians for public shows
- Published a music album online

AWARDS

OULA Training Scholarship

Fall 2017

Dissertation Year Fellowship Award

Fall 2011

Ralph and Charlene Bauer Award for Research in Inorganic Chemistry

Fall 2010

Undergraduate Research Opportunities Program Fellow

2006-2007