

Jenny Zonka

Full Stack Developer

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jennycade.github.io/

I'm a full stack developer who loves to make useful and interesting web apps. I have previous experience in education, biology research, and sustainable agriculture, and I have used programming to build solutions for problems in each of these fields.

SKILLS

Languages and Tools

React
Express.js
Javascript
Semantic HTML5
CSS
MongoDB
Firebase
Git

Previously Used

Python
R
PHP
MySQL
Java

INDUSTRY EDUCATION

- [The Odin Project](#) · Full Stack Javascript path · *Current*
- Mongo University · MongoDB Basics · January 2022
- MITx · [6.00.1x: Introduction to Computer Science and Programming Using Python](#) · November 2015
- MITx · [6.00.2x: Introduction to Computational Thinking and Data Science](#) · December 2015

EMPLOYMENT HISTORY

Science Teacher

Chemistry Teacher (part-time) at Alameda Community Learning Center
August 2020–June 2021

Chemistry and Physical Science Teacher at Alameda Community Learning Center
December 2018–June 2019

Student Teacher at Gateway High School
August–November 2018

- Taught 10th grade chemistry and 8th grade physical science classes at a project-based school (ACLC). As a student teacher at Gateway High School, co-taught 10th grade biology and 12th grade AP biology.
- Developed and carried out lesson plans in virtual, hybrid, and in-person classes.
- Major projects included a chemistry of food unit (10th grade) and cardboard boat race (8th grade).

Life Sciences Research Professional

Stanford University, Feldman Lab
February 2016–July 2018

- Managed and carried out independent scientific research project using CRISPR/Cas9, confocal microscopy, and imaging data analysis (using ImageJ/R/Python) to investigate microtubule organization in *C. elegans* cells.
- Developed image analysis pipeline (ImageJ/R) and trained lab members in its use.
- Proactively ensured that the lab met all safety requirements as lab safety coordinator.
- Co-authored a research article published in PLOS Biology

HIGHER EDUCATION

Master of Arts in Teaching, Science

Western Governors University
April 2018

Awards: WGU Excellence Award, ETS Recognition of Excellence Award for Biology: Content Knowledge

Bachelor of Science, Biochemistry & Molecular Biology

University of California, Davis
June 2015

Awards: Graduated with Highest Honors, Outstanding Performance Citation Award, Molecular and Cellular Biology Departmental Citation Award, American Society for Biochemistry and Molecular Biology Certification with Distinction, Schilling Undergraduate Research Award