Jenny Zonka
Full Stack Developer

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🌐 jennycade.github.io/

I'm a biology researcher-turned-teacher-turned-full stack developer. Though I'm pursuing my first full-time engineering position, I've solved problems in many of my previous roles with programming.

RECENT PROJECTS

Clotion   Repo • Live demo

Simple clone of Notion with rich text editing and databases. Built with React and Firebase.

Blog API

Public frontend		Repo • Live demo
Admin frontend	username/password **admin** for demo	Repo • Live demo
API		Repo

REST API for a blog with a public frontend and an admin-only frontend. Built with Express.js on the backend and React for both frontends.

SKILLS

Languages and Tools
- ⚛ React
- ⓔⓍ Express.js
- 🅹🆂 Javascript
- Semantic HTML5
- CSS
- MongoDB
- Firebase
- ◆ Git
- Jest

Previously Used
- 🐍 Python
- Ⓡ R
- 🅟🅗🅟 PHP
- MySQL
- Java

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.

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 and documented an image analysis pipeline (ImageJ/R).

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

HIGHER EDUCATION

Master of Arts in Teaching, Science

Western Governors University
April 2019
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
Relevant courses: Applied Statistics for Biological Sciences (R), Advanced Applied Statistics for the Biological Sciences (R), Genomics Laboratory (R, Unix)