

# Jenny Zonka

## Full Stack Developer

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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.

### RECENT PROJECTS

#### Clotion

[Repo](#) • [Live demo](#)

Simple clone of [Notion](#) with rich text editing and databases. Built with React and Firebase.

#### Ye Olde Adventuring Shoppe

[Repo](#) • [Live demo](#)

Editable database of weapons, armor, and shops for Dungeons & Dragons 5e. Built with MongoDB, Node, Express, PUG, and Bootstrap CSS.

### SKILLS

#### Languages and Tools

⚙ React  
EX Express.js  
JS Javascript  
HTML5 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

### 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

### 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 (ALC). 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) for colleagues' use.