

Jennifer Zonka

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RECENT PROJECTS (see Github for more)

Clotion

completed January 2022

- Replicated the core functionality of [Notion](#) using React, Firebase, and slateJS
- Repo: <https://github.com/jennycade/clotion> | Live: <https://clotion-5e4b4.web.app/>

Internet Scavenger Hunt

completed August 2021

- Built a Where's Waldo-type game using React and Firebase
- Repo: <https://github.com/jennycade/scavenger-hunt> | Live: <https://internet-scavenger-hunt.web.app/>

EXPERIENCE

Full-time parent

September 2019–August 2020, June 2021–current

- Took time away from career to raise my young child
- Used this time to build full-stack web development skills through [The Odin Project](#)

Alameda Community Learning Center | Alameda, CA

December 2018 – June 2019, part-time August 2020–June 2021

Chemistry Teacher

Gateway High School | San Francisco, CA

August – November 2018

Student Teacher

Stanford University, Feldman Lab | Stanford, CA

February 2016 – July 2018

Life Sciences Research Professional

- 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

The Entrepreneurs' Fund | San Mateo, CA

Summer 2014, June 2015 – February 2016

Administrative Assistant

EDUCATION

Master of Arts in Teaching, Science (5-12)

April 2018

Western Governors University | Salt Lake City, UT

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

Bachelor of Sciences in Biochemistry & Molecular Biology

June 2015

University of California, Davis | Davis, CA

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

SKILLS / TECHNOLOGIES

- JavaScript, React, HTML5, CSS, git, Github, Firebase, MongoDB
- Prior experience: Python, R, PHP, MySQL

PUBLICATIONS

Jeremy Magescas, **Jennifer C. Zonka**, Jessica L. Feldman. (2019, June 27). [A two-step mechanism for the inactivation of Microtubule Organizing Center function at the Centrosome](#). *eLife*.

Maria D. Sallee, **Jennifer C. Zonka**, Taylor D. Skokan, Brian C. Raftrey, Jessica L. Feldman. (2018). [Tissue-specific degradation of essential centrosome components reveals distinct microtubule populations at microtubule organizing centers](#). *PLOS Biology*.