

Stacy Suen

Software Engineer

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Experience

Software Engineer — *San Francisco Bay Area, CA*

Sunlink

July 2018- Present

- Worked on a software-as-a-service application with a Node.js backend that uses MongoDB and InfluxDB to display a time-series data from our solar installations
- Collaborate with firmware/electrical/mechanical/structural engineers

Technologies Used: Typescript, Angular.js, MongoDB, Express, Node.js, Kubernetes, Google Cloud

Software Developer — *San Francisco, CA*

Serendipia

December 2017- June 2018

- Create a beta application for launch before pre-ICO
- Integrate cryptocurrency technologies
- Develop new user-facing features using React.js
- Utilize Node.js and MongoDB for server-side database

Technologies Used: JavaScript, React.js, MongoDB, Express, Node.js, web3

Lead Registered Dental Assistant — *San Francisco, CA*

San Francisco Surgical Arts

2018- Present

- Assist surgeon with oral surgeries and treatments
- Take x-rays/panoramic
- Keep track of inventory
- Explain post-op care to patients
- Familiarity with Healthcare standards (ex. HIPAA, OSHA)

Undergraduate Researcher — *University of California, Santa Cruz*

Freshwater Marine Biology Lab

September 2015 - December 2016

- Tested water quality of 32 mesocosms filled with either juvenile Chinook salmon, mosquitofish, or both
- Collaborated with graduate students to discuss possible outcomes
- Concluded mesocosms with both fish had highest water quality

Projects

Seas It - September 2017 | <https://seas-it.herokuapp.com>

- Surf app for locals in Santa Cruz to check daily surf conditions
- Integrated Chart.js and SpitCast's API to create real time graph of wave height
- Used socket.io for users to chat with other users

Technologies Used: JavaScript, React.js, Chart.js, MongoDB, Express, Node.js, Materialize, Heroku, socket.io

Skills

Languages: JavaScript(ES6), Typescript, Ruby, CSS3, HTML5, Cantonese Chinese

Frameworks/Libraries: React.js, Ruby on Rails, jQuery, Mongoose, Angular.js

Database: MongoDB, Express, SQL, InfluxDB

Others: AJAX, Node.js, Chart.js, RESTful APIs, Git/Github/Gitlab, socket.io, kubernetes

Education

General Assembly, San Francisco — *Web Development Immersive*

July 2017 - September 2017

University of California, Santa Cruz

Ecology and Evolution B.S. & Molecular Cell and Developmental Biology B.S.

September 2012 - December 2016

Leadership :

- NCAA III Women's Tennis Team
- Fight Back & Survivorship Chair of Relay for Life Organization
 - Led and Organized Cancer Awareness Week with 5 members
- Welcome Week Leader
- Pianist for Newman Center

University of Copenhagen

Denmark; *Genetics*

August 2014 - December 2014

Organizations

Surfrider Foundation — *San Francisco, CA*

March 2018 - Current

Core Volunteer

Code Tenderloin — *San Francisco, CA*

June 2018 - Current

Tutor