

DANIEL CHANG

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EDUCATION

University of California, Santa Cruz

2019 - June 2023

- B.S. in Computer Engineering
- GPA: 3.61 / 4.0

WORK EXPERIENCE

University of California, Santa Cruz

Aug 2021 - Nov 2022

Web Developer

- Developed dynamic WordPress websites for UCSC Humanities using PHP, HTML5, CSS3, and JavaScript.
- Maintained site backend by updating plugins, backups, databases, and SSL certificates.
- Utilized WordPress features like Elementor and Shortcodes to create responsive design and functionality.
- Collaborated with site owners to build sites and met with supervisor every week for progress updates.

Sprout Labs

June 2022 - July 2022

Frontend Developer

- Developed the frontend form component for sproutlabs.io that configures a customer's soil sensor device.
- Built the UI with Vue.js, HTML5, CSS3, and made API calls to Golang backend to verify stages of activation.
- Worked with a team of four, followed Scrum practices, and presented biweekly demos to stakeholders.

University of California, Santa Cruz

April 2021 - Aug 2021

Web Designer

- Using Cascade CMS, structured web pages for two of six core sections on the UCSC Risk Services website.
- Created interactive page content using CSS, such as a widget that organizes links into visual components.
- Designed site graphics in Adobe Photoshop and Illustrator, following UCSC brand identity guidelines.

PROJECTS

React Portfolio

2022

- An interactive and mobile responsive portfolio website using React, JavaScript, HTML5, and CSS3.
- Created dynamic components with React, reusable styles with CSS, and graphics with Photoshop.
- **Links:** [Github](#), [Demo](#)

Grade Analytics Tool

2022

- Scrapes data from Canvas, UCSC's LMS, and recalculates a student's grade based on new scores.
- Used Selenium to scrape HTML content, and Python to allow users to update scores and print statistics.
- **Links:** [Github](#), [Demo](#)

Spotify Mood Track

2021

- A CLI application that displays a graph of a Spotify user's change in music moods over a span of 5 years.
- Grabs audio data from songs in user playlists using Spotify API, and formats to produce a graph in Python.
- **Link:** [Github](#)

SKILLS

- **Languages:** Python, JavaScript, C, PHP, HTML5, CSS3, Verilog
- **Technologies:** React, Vue.js, Node.js, MySQL, Firebase, Git, REST, WordPress, Photoshop
- **Other:** Agile, Scrum