

## Serena Chandler | software engineer

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[linkedin.com/in/serena-chandler/](https://www.linkedin.com/in/serena-chandler/) | <https://github.com/SerenaChandler>

CA, Bay Area, 95035 | Portfolio: [SerenaChandler](#)

### Technical Skills

**Languages:** Javascript, CSS, HTML, Python, SQL

**Applications:** GitHub, Heroku, Netlify

**Tools:** Node, Bootstrap, React, React Bootstrap, handlebars, Flask, SQLAlchemy, PostgreSQL

### Projects

**Trans Restroom Finder** | <https://github.com/SerenaChandler/TransRoom>

Website made to allow users to search for trans accessible restrooms

- Solo build of a flask based program
- Role: Built databases, created database relationships, write HTML, as well as python routes, javascript fetch requests, and CSS
- Tools: HTML, CSS, JavaScript, Python, Flask, Jinja, API

**PantryRaid** | <https://pantryraiders.herokuapp.com/> | <https://github.com/SerenaChandler/PantryRaid>

Web application program that helps you find recipes based on current ingredients

- Collaborated with a team of 4 developers to design, develop, debug and deploy the web application establishing and managing timelines and milestones.
- Role: Primarily Back-end Developer; planned and wireframed much of the site, as well as helped set up the APIs used
- Tools: HTML, CSS, Javascript, React, React-Bootstrap

**Emomii** | <https://emomii.herokuapp.com/> | <https://github.com/SerenaChandler/Emomii>

Website that allows user to journal emotions and see realtime charts made by their inputs

- Collaborated with 2 other developers to build the web application from conception to deployment using Agile methodology.
- Role: Set up the routes for the site, set up JavaScript to show posts, and implemented chart.js into the site, troubleshooting various bugs.
- Tools: HTML, CSS, JavaScript, SQL

**Directory** | <https://serenaemployeeirectory.netlify.app/> | <https://github.com/SerenaChandler/employee-Directory>

Mock up employee Directory

- Solo build of a React based employee directory
- Role: Built the components for the site, including a table for employees to be rendered, implemented a random person API to fill in the mock employee database.
- Tools: React, React-Bootstrap

### Work Experience

**Full Stack Web Developer Tutor**

July 2021 - Nov 2021

2U Remote

Mentor students and lead them to a better understanding of coding and course material.

- Recommended by coding instructor for the position based on leadership capabilities and strong coding aptitude.
- Maintains a roster of 10 - 15 current full-stack web development students.

**Philosophy/Ethics Tutor**

Jan 2017 - July 2017

Ohlone College

Worked with students to come to a deeper understanding of introductory philosophy and ethics

- Held open tutoring sessions multiple times a week
- Maintained a roster of upwards of 20-30 students who would come to tutoring

### EDUCATION

**Certificate, Full-Stack Web Development** - UC Berkeley

- A 24 week-intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node js, MySQL, Express Handlebars.js & React.js

**Certificate, Full-Stack Web Development** - Hackbright Academy

- A 3 month program that covered many topics such as coding in Python, Object-Oriented Programming, and Flask

**Certificate, Python Development** – Hackbright Academy

- 5 week course focusing on the fundamentals of Python coding

**Ohlone Community College**

- Two year transfer to a 4 year university

**University of California Los Angeles**

- Spent one year studying Linguistics before realizing it wasn't what I wanted to do, left to pursue other opportunities.
- While attending, maintained a 3.4 GPA