

# Christian Ludwell

SOFTWARE ENGINEER

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510-393-7938 | cludwell@gmail.com | Portland, OR | [LinkedIn](#) | [GitHub](#) | Portfolio

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## TECHNICAL SKILLS

React.js, React Native, Redux, JavaScript, HTML, CSS, SQL, Python, Express.js, Node.js, Flask, SQLAlchemy, Sequelize, Postgresql, Tailwind CSS.

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## PROJECTS

**ScareBnB** | (React/Redux, Javascript, Sequelize, Express.js, HTML/CSS)

[Live](#) | [GitHub Repo](#)

An AirBnB clone full-stack application written completely in Javascript.

- Queried SQL database using Sequelize Objection Relational Mapper (ORM).
- Deployed Express.js for backend route and error handling.

**Spacey** | (React/Redux, Javascript, Flask, Python, SQLAlchemy, HTML/CSS)

[Live](#) | [GitHub Repo](#)

A space and science fiction themed Etsy clone full-stack application collaboratively written using SCRUM and agile project management framework.

- Assumed responsibility for quality and consistency of front end styling using a mix of CSS Grid and flexbox positioning.
- Implemented cart and shop Create, Read, Update, Delete (CRUD) for online marketplace functionality.
- Collaborated with team members utilizing effective Git workflow and pair programming to meet deliverables.

**Fancamp** | (React/Redux, Javascript, Flask, Python, SQLAlchemy, HTML/CSS)

[Live](#) | [GitHub Repo](#)

A metal themed Bandcamp clone full-stack application

- An online marketplace with shop (artist), product (albums), cart, and wish list(CRUD) functionality.
  - Created wireframes for self directed project utilizing CSS flexbox relative/absolute positioning for landing page.
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## WORK EXPERIENCE

**LEAD INSTALLER**

Oct 2019 – Oct 2022

Sunpower, Berkeley CA

Sunpower is one of the most well regarded producers of solar panels that also installs their own products. During my time with SunPower I was a project manager that led all aspects of installations above grade.

- Trained all new hires in electrical and roof work.
  - Delivered safe and quality solar installations compliant with the National Electric Code (NEC) and local requirements, from start to finish.
  - Ensured company, OSHA, and state safety regulations were followed.
  - Lead the installation of approximately 2 Megawatt hours of solar installations annually.
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## EDUCATION

Bachelor of Arts | Geography, International Development & Social Change

Clark University – 2010

App Academy | Full Stack Software Engineering

Remote – 2023