

# LUCCA WANG | SOFTWARE ENGINEER

Las Cruces, NM | [luccawang@gmail.com](mailto:luccawang@gmail.com)

LinkedIn: <https://www.linkedin.com/in/luccawang> | Portfolio: <https://luccawang.dev> | GitHub: <https://github.com/LuccaWang1>

## TECHNOLOGIES

**Languages** | Python, JavaScript (AJAX, JSON), CSS, HTML

**Frameworks & Libraries** | Agile (Scrum, familiarity with Kanban), Flask, React

**Industry Tools** | AWS, Docker, Git, GitHub, GitLab, Jinja2, Pair Programming, SQL, SQLAlchemy, Testing, VSCode

**Database** | PostgreSQL, Salesforce, ActionKit, Osnum, NGP, Datatel

**General/Software** | REST APIs, Trello, Fiddler, NotePad++, Email on Acid, WordPress, Drupal, MailChimp

## PROJECTS

**PetPlanner** | <https://github.com/LuccaWang1/PetPlanner> (Python, Flask, Javascript, React, PostgreSQL, HTML, CSS, APIs, SQL)

- Full stack web app built from scratch used by pet owners to centralize their pets' information in one location.
- Created a data model and PostgreSQL database for many- and one-to-many relationships; object/relational mapping.
- Gained experience overcoming AJAX fetch request JSON date and time challenges, including in React.
- Integrated Cloudinary and FullCalendar APIs.

**Tell Me Where To Eat** | <https://github.com/LuccaWang1/Tell-Me-Where-To-Eat> (Python, Flask, JavaScript, HTML, CSS)

- Web app built from scratch, providing a solution to psychological analysis paralysis and simplifying decision making.
- Acquired and applied expertise in website accessibility standards and best practices.
- Leveraged Python's Random module and Google Fonts APIs.
- Utilized @media queries to create a responsive web app adaptable to multiple screen sizes.

**Cherry Cloud** | <https://github.com/LuccaWang1/cherry-cloud> (Python, Flask, JavaScript, HTML, CSS, React, PostgreSQL)

- Full stack collaborative web app project in progress built from scratch with shopping, blogging, and React game features.
- Gained experience with development planning, project management, and Git - and teaching others Git.
- Designed and implemented the model following Object-Oriented Programming methodologies.

## EXPERIENCE

**Volunteer Full Stack Developer, Software Engineering**

**April 2024 - Present**

**HackforLA**, 100% Remote, Los Angeles, CA

- Part of the website team resolving issue tickets on a 100% open-source collaboration for civic participation and service.
- Using Docker and the GitHub project management board; learning Azure.

**Student Full Stack Software Engineer**

**Nov. 2023 - Feb. 2024**

**Hackbright Academy**, 100% Remote, San Francisco, CA

- Completed over 40 hours-a-week, including 1-2 lectures a day on SWE and the computer science fundamentals, for 12 weeks.
- Participated in daily scrum stand up meetings and built a solo independent full stack [web application](#).
- Applied knowledge to 1-2 coding challenges and pair programming a day.
- Earned scores of 91-99% on all (7) technical assessments throughout the program.

**Digital and Content Strategist**

**Feb. 2022 - Aug. 2023**

**GPS Impact**, 100% Remote, Des Moines, IA

- Coded and sent 5-9 political fundraising emails a day with a text editor, HTML, AWS, and a SQL database mail client.
- Created weekly and quarterly documentation reports of performance, including in-depth product metrics.
- Debugged and conducted manual and A/B testing within Theory of Change; collaborated with department tech lead.

**Communications Coordinator**

**June 2017 – Dec. 2020**

**Kansas Coalition Against Sexual and Domestic Violence**, Topeka, KS

- Worked with IT, website and database engineers, and project managers on products and services to meet business needs.
- Created a manual for documentation on the website; trained staff on the new website, which I developed with directors.
- Planned events; coordinated with the media, wrote website, social, email, press release, and other communications materials.

## EDUCATION

**Codecademy**

**Present**

**Hackbright Academy**, Accelerated 12-week *Software Engineering Fellowship*

**Feb. 2024**

**San Francisco Art Institute**, *Bachelor of Fine Arts, Painting*

**Sept. 2012**

**Drake University**, *Bachelor of Arts, Journalism, Public Relations; Bachelor of Arts, Arts & Sciences, Painting*

**May 2011**

## ACTIVITIES/INTERESTS

- Hiking, nurturing my cat and dog, learning, coding, cooking
- Attended DeveloperWeek 2024, 100% remote (San Francisco, CA)
- Attended DefCon23 (2015), Las Vegas, NV