LUCCA WANG | SOFTWARE ENGINEER

Las Cruces, NM | luccawang@gmail.com | 415-763-7534

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

TECHNOLOGIES
Languages | Python, JavaScript (AJAX, JSON), HTML, CSS, Markdown
Frameworks & Libraries | Flask, React, Scrum
Industry Tools | AWS, Docker, Testing, Git, Agile, GitHub, GitLab, Jinja2, Pair Programming, SQL, SQLAlchemy, VSCode
Database | PostgreSQL, Salesforce, ActionKit, Osnium, NGP, Datatel
General/Software | REST APIs, Trello, NotePad++, Email on Acid, WordPress, Drupal, MailChimp

PROJECTS
PetPlanner | *https://github.com/LuccaWang1/PetPlanner* (Python, Flask, Javascript, React, PostgreSQL,HTML, CSS, Jinja, APIs)
- Full stack web app built from scratch used by pet owners to centralize their pets' information in one location.
- Created a data model for many-to-many and one-to-many relationships to set the foundation for the PostgreSQL database.
- 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, Accessibility)
- Full stack web app built from scratch, providing a solution to psychological analysis paralysis, simplifying decision making.
- Created dynamic content generation with Python's random module and logic.
- Fostered website accessibility with skip navigation, ARIA, and exceeding ADA requirements for contrast and font size.
- Utilized Flask's template rendering, JavaScript's event listening actions, and CSS.

Cherry Cloud | *https://github.com/LuccaWang1/cherry-cloud* (Python, Flask, JavaScript, HTML, CSS, React, Trello)
- Full stack collaborative web app project in progress built from scratch with shopping, blogging, and React game features.
- Gaining experience with development planning, project management (Trello), and Git (branching, merging, etc).
- Pair programmed for shared decision making and consensus, building the model for Object-Oriented Programming (OOP).

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 5-9 political fundraising emails a day with NotePad++, HTML, AWS, and a customized mail client and SQL database.
- 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.

EDUCATION
Codecademy, Python 3, SQL, JavaScript courses   **March 2024 - 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 in the Southwestern U.S.; nurturing my furry companions; the magic, chemistry, and systems of cooking
- Attended DeveloperWeek 2024, 100% remote (San Francisco, CA)
- Attended DefCon23, Las Vegas, NV