LUCCA WANG | SOFTWARE ENGINEER

Las Cruces, NM, 88012 | luccawang@gmail.com | 415-763-7534

LinkedIn | **Portfolio** | **GitHub**

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

PROJECTS
PetPlanner | GitHub | Demo | (Python, Flask, JavaScript, React, PostgreSQL, HTML, CSS, APIs)
● 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.

Portfolio | GitHub | Site | (HTML, CSS, Google Fonts API, Open Graph)
● Website as a resume to showcase my skills and work.
● Leveraged a sticky top navbar on scroll for UX; and utilized z-indexing to enable weight and order of elements in the viewport.
● Incorporated custom icons, a Google Fonts API, and CSS animations, and media inquiries for responsiveness.

Let's Eat! | GitHub | (Python, Flask, JavaScript, HTML, CSS, Google Fonts API)
● 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.

EXPERIENCE
Student Fullstack Software Engineer   **Nov. 2023 - Feb. 2024**
Hackbright Academy, 100% Remote, San Francisco, CA
● Full-time 12-week immersion in core programming; CS data structures; Python OOP; JavaScript and React; Postgres relational databases and SQL; data modeling; unit and integration testing; and web technologies HTML, CSS, Flask, and APIs.
● Participated in daily scrum stand up meetings and collaborated with at least one cohort colleague per day during lab work.
● Built a solo independent fullstack web app, and 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 S3, and a SQL database mail client.
● Created weekly and quarterly documentation to report performance (in-depth metrics on donations, email, social).
● Debugged and conducted manual and A/B testing within Theory of Change; collaborated with department tech lead.
● Hired and mentored 2 paid interns who worked 30 hours a week.

Freelance Communications and Marketing Consultant   **March 2020 - Jan. 2023**
Self, 100% Remote, Las Cruces, NM
● Identified objectives with client teams and leveraged project management skills to increase following, visibility, credibility, and sales.
● Produced communications deliverables, established processes, and coached client teams on best practices.

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 and events budget and helped with fundraising, wrote speeches, and oversaw volunteers.
● Handled media relations, produced talking points, conducted media training.
● Wrote produced, and oversaw website, social, email, press release, newsletter, and annual, grant, and statistical reports.

EDUCATION
Hackbright Academy, *Certificate in Software Engineering; Accelerated 12-week Fellowship*   **Nov. 2023 – Feb. 2024**
San Francisco Art Institute, *Bachelor of Fine Arts, Painting*   **Aug. 2011 – Sept. 2012**
Drake University, *Bachelor of Arts, Public Relations; Bachelor of Arts, Design Fundamentals & Painting*   **Aug. 2007 – May 2011**

ACTIVITIES & AWARDS
● Awarded O'Reilly 2024 Diversity, Equity, Inclusion, and Justice Scholarship   **June 2023 – June 2024**
● Attended WomenHack - San Diego - April 30, 2024 (Virtual) event   **April 30, 2024**
● Attended DeveloperWeek 2024   **February 28-29, 2024**