LUCCA WANG | SOFTWARE ENGINEER

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

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

Fullstack engineer with backend tendencies - Python, Flask, Postgres/databases, SQL on backend; JavaScript and React for data flow and visually on the DOM on the frontend. Works with APIs and the comp. sci. fundamentals and industry tools, including Code, Git, CL, GitHub, and more. Mature creative thinker, problem solver, and communicator with previous professional work experience.

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 | Email on Acid, WordPress, Drupal, MailChimp

PROJECTS

PetPlanner | GitHub | Demo | (Python, Flask, JavaScript, React, PostgreSQL, HTML, CSS, APIs)
● Fullstack 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, FullCalendar, and Google Font APIs.

Let's Eat! | GitHub | (Python, Flask, JavaScript, HTML, CSS, API)
● Fullstack 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 logic for the backend.
● 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 and contributed to client work weekly.

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, *Accelerated 12-week Fellowship; Certificate in Software Engineering*   **Nov. 2023 – Feb. 2024**
San Francisco Art Institute, *Bachelor of Fine Arts, Studio Art*   **Aug. 2011 – Sept. 2012**
Drake University, *Bachelor of Arts, Journalism and Mass Communication; Bachelor of Arts, Arts & Sciences*   **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**