LUCCA WANG | SOFTWARE ENGINEER

Las Cruces, NM, 88012 | luccawang@gmail.com

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++, 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, CNAME)
- 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.

Tell Me Where To Eat | GitHub | (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 | GitHub | (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

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 S3, 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.

Freelance Communications and Marketing Consultant   March 2020 - Jan. 2023
Self, 100% Remote, U.S.
- Leveraged project management skills while leading client teams to create and maintain communications and marketing practices and processes.
- Identified objectives and increased following, visibility, credibility, and sales.

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, Journalism, Public Relations; Bachelor of Arts, Arts & Sciences, Painting*   Aug. 2007 – May 2011