LUCCA WANG | SOFTWARE ENGINEER

Las Cruces, NM, 88013 | hire@luccawang.dev | 415-763-7534

[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

Full-stack developer (Python, Flask, JavaScript, React, Postgres, SQL, CSS). Strong skills in documentation, creative problem-solving, and a relentless drive to learn and grow. Former communications professional and HTML email developer.

TECHNOLOGIES

Languages | Python, JavaScript (AJAX, JSON), SQL, CSS, HTML
Frameworks & Libraries | React, Flask, Agile, Bootstrap
Industry Tools | Git, GitHub, GitLab, Jinja2, SQLAlchemy, Testing, VSCode
Databases | PostgreSQL, ActionKit, Osnium, NGP, Datatel, Salesforce
General/Software | Email on Acid, WordPress, Drupal, MailChimp, SquareSpace, Shopify, Adobe, Microsoft, Google, Slack, Discord

PROJECTS

PetPlanner | [Portfolio](#) | [GitHub](#) | (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 an extensive and foundational data model and PostgreSQL database for many- and one-to-many relationships.
- Gained experience with date and time formatting in Python and React.js; implemented ORM SQLAlchemy, developed OO classes.
- Integrated three APIs, and utilized conditional rendering and dynamic generation (with Python's Jinja2 and React.js' mapping).

Let's Eat! | [Portfolio](#) | [GitHub](#) | Portfolio | (Python, Flask, JavaScript, HTML, CSS, API)
- Full-stack 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; integrated an API and datasets.
- Utilized media queries to create a responsive web app adaptable to multiple screen sizes.

EDUCATION

Hackbright Academy, *Accelerated 12-week Fellowship 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**

EXPERIENCE

Freelance Software Engineer and Tech Advisor, Self, Las Cruces, NM   **July – Present 2024**
- Advise on technology, build/manage the website.

Student Full-stack Software Engineer, Hackbright Academy, 100% Remote, San Francisco, CA   **Nov. 2023 – Feb. 2024**
- 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 full-stack [web app](#), and earned scores of 91-99% on all (7) technical assessments throughout the program.

Digital and Content Strategist, GPS Impact/Meadowlark Strategies, 100% Remote, Des Moines, IA   **Feb. 2022 – Aug. 2023**
- Gained experience coding in Enterprise: Developed and sent 5-9 hand-coded emails a day using text editor NotePad++, HTML, AWS S3, and a SQL database mail client.
- Created weekly and quarterly performance reports with in-depth metrics on donations, email, social.
- Hired and mentored 2 paid interns who worked 30 hours a week and contributed to client work weekly.
- Wrote, crafted, and produced public affairs documents; maintained website content and structure for upwards of 3 websites at a time.

Freelance Communications and Marketing Consultant, Self, 100% Remote, Las Cruces, NM   **June 2015 – Jan. 2023**
- Produced communications deliverables, coached employees, synchronized efforts to align with goals to see results and impact.

Communications Coordinator, Kansas Coalition Against Sexual and Domestic Violence, Topeka, KS   **June 2017 – Dec. 2020**
- Maintained and oversaw website, social media, email, and report deliverables for the public, media relations, stakeholders, funders.
- Collaborated with Directors cross-departmentally and Engineering to match business needs with technical requirements; produced the website manual; led staff training on the new WordPress site; managed the external Engineering vendor.
- Planned the company's largest annual legislative event of the year with budgeting, wrote speeches, and oversaw volunteers.
- Served as technical support for the website and the funder reporting database for the company and the databases of 26 partner orgs.

Assistant Registrar, San Francisco Art Institute, San Francisco, CA   **Sept. 2012 – May 2015**
- Served as the only consistent source of customer service and technical support (full-time) for clients, cross-departmentally, and externally for 3 years during the transition from paper to online records with the registration software and database on an IT Support Level model.

ACTIVITIES & AWARDS

- Awarded O'Reilly 2024 DEIJ Scholarship (unlimited learning access to platform)	**June 2024 – Present (June 2025)**
- Official Dona Ana County Voter Registrant (help register people regardless of party)	**May 2022 - Present**
- Chair of Drake University Kansas City Regional Alumni Board	**Aug. 2018 - Aug. 2021**