Andrea Fang

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Full stack developer leveraging background in education to provide unique perspectives on how end-users interact with websites and software platforms. Earning a certificate in Full Stack Web Development from UC Berkeley Extension. Innovative problem-solver and Linux user who is passionate about developing apps with a focus on mobile-first design and development. Strong communication skills, team focus, and the ability to execute on user stories.

Technical Skills

HTML5, CSS3, Bootstrap, Java, JavaScript ES6+, Typescript, Express, React, Node.js, Handlebars, jQuery, SQL, GraphQL, MongoDB, Python, GitHub, UNIX shell

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Projects

Doodly | **GitHub Repo** | **Live Site**
- Social site for creating and sharing artworks
- **SQL** database management, JS-based logic, **Handlebars.js** templating front end, deployed to **Heroku**

WeatherApp | **GitHub Repo** | **Live Site**
- Weather app that provides current and 5-day weather forecasts in select cities.
- Tools: HTML, CSS, JavaScript, jQuery, API, Bootstrap, OpenWeather One Call API

Ecommerce backend | **GitHub Repo**
- Infrastructure for the backend of an e-commerce site. **MySQL**-based with **Node** and **Sequelize** ORM.

Experience

UC Berkeley Extension (Full Stack Development)   **Feb 2022-Present**
- Outlined specific timelines and MVP goals for deliverables
- Managed workflow using **GitHub Projects**, including kanban tasks, bug fixes and issue delegation
- Led two teams of five to develop and unit test dynamic social applications
- Built and tested REST API routes for production deployment
- Built from scratch an image-sharing social media application with a **SQL** database deployed to **Heroku**
- Planned features and developed user stories based on feedback

DevMountain (Frontend Development)   **Aug 2021-Feb 2022**
- Outlined and generated the frontend of an e-commerce site, handling Source Code Management via **Git**
- Collaborated with students to produce interactive, responsive webpages
- Engaged with team members in daily standup meetings to align project goals and conduct code review

Coronado Unified School District (Science Teacher)   **Jun 2020-Jun 2022**
- Generated and executed effective and engaging unit plans in the timeline of a standard school year
- Adapted to changes in management expectations and an accelerated semester schedule
- Designed, pioneered, tested, and analyzed new digital strategies for science education
- Worked within department to design, standardize, and implement curriculum

Aira Tech Corp (Aira Agent)   **Jun 2019-Jun 2020**
- Connected to live video calls with blind/visually impaired users and assist them with any tasks
- Utilized multiple SaaS tools to gather appropriate information in real time
- Anticipated user needs from initial observations and prepared tools/information needed to assist