

## LONNA LU | Web Developer

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### About Me

Full stack web developer who loves to make ideas come to life. I strive to grow as a person and as a professional by embracing my curiosity and adaptability to challenges. My reliability and ambition manifests throughout all roles and responsibilities. I am excited to translate my problem solving and teamwork skills into building complex and valuable software systems.

### Skills

**Languages** - JavaScript, HTML, CSS, Python, SQL, Mongo, JSON, Typescript, EJS, DTL

**Database** - PostgreSQL, MongoDB | **Other** - RESTful Routing, CRUD, JSON api

**Libraries and Frameworks** - React (class based and hooks), Express.js, Django, JQuery, Bootstrap, Semantic UI, Bulma

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### Software Development Projects

JUL 2021 - SEPT 2021

**Cravings** - Full-stack application to search restaurants in Downtown Los Angeles. Users can search by cuisine, dietary restrictions, or restaurant name. Users can also create profiles and write reviews. Independent project in a two-week sprint.

- **Node.js** and **Express** to build backend server, MongoDB and Mongoose to handle database.
- Complete **Model View Controller (MVC)** to optimize readability and scalability.
- **Bcryptjs**, salt, and hash to encrypt sensitive user information.
- Fully styled with **Bootstrap** framework and custom **SCSS/CSS** for responsive web experience.
- Managed timeline and milestones, crafted wireframe and design, and defined entity relationships

**Project Wayfarer** - Full-stack application to share travel tips around the world. Users can create posts for a variety of cities across the globe, and manage their posts and profiles. Collaborated with 3 teammates in a one-week sprint.

- **Django** and **Python** to build **RESTful** routes for full **CRUD** for dynamic, reusable templates.
- Implemented authentication and authorization for user account creation and management.
- Created efficient models to handle data and entity relationships through **PostgreSQL** relational database.
- Fully styled with **Bootstrap** framework and custom **CSS** to satisfy client expectations.

**Queue** - Full-stack application that allows users to curate their favorite TV series onto a personal queue, making it easily accessible and navigable in comparison to other streaming apps. Collaborated with 1 teammate in a one-week sprint.

- Made RESTful fetch calls to an **Express, MongoDB, Node.js** backend handling full CRUD.
  - Used **Mongoose** to define schemas and manipulate MongoDB collections and data.
  - Fully styled with **Sass** scripting language which compiled to **CSS3** for a unique template and user experience.
  - Used **MVC** framework to organize code into a scalable and extensible application.
  - Implemented **bcryptjs** to hash and salt all user passwords, and dotenv to securely store secrets.
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### Professional Experience

360Biz - **Project Coordinator** | Anaheim, CA

JAN 2020 - APR 2021

- Managed 50-70 projects at a time for Fortune 500 companies and civic organizations; projects included new websites and functionalities and addressing website bugs
  - Launched over 20 new website features and websites for clients
  - Lowered typical client feedback by 50% by supporting QA by identifying errors and user experience anomalies
  - Collaborated with teams of 8-9 by communicating project requirements, progress, and action items
  - Created documentation on client profiles and their servers as a resource for the team
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### EDUCATION

**General Assembly** | Remote

JUN 2021 - SEPT 2021

**Software Engineering Immersive**

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

**University of California, Irvine** | Irvine, CA

Bachelor of Arts B.A Degree in Psychology