

## LONNA LU | Software Engineer

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### About Me

Software Engineer who loves to make ideas come to life. Formerly a project manager for a web development company, my problem solving skills are demonstrated in multiple aspects of an application. My curiosity and creativity manifests throughout all experiences, and thrives most in software engineering. I am excited to contribute my collaboration and analytical skills into building scalable and appealing interfaces.

### Languages and Technologies

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

**Database** - PostgreSQL, MongoDB | **Other** - RESTful Routing, CRUD, JSON API, Git, GitHub, Insomnia, Heroku

**Libraries and Frameworks** - React, Node.js, Express.js, Django, jQuery, Bootstrap, Bulma, Semantic UI

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### Software Development Projects

JUL 2021 - NOV 2021

#### Outlet (React, Sass)

Hackathon painting application for people to express their creative side digitally. Collaborated with 1 teammate in a one-week sprint. Deployed to Vercel.

- Hackathon required the user's ability to drag their mouse across the screen to make free-form lines.
- Integrated ability to draw shapes, download, and clear with confirmation modal to enhance user experience.
- Custom design developed with React hooks, Sass, and used BEM naming convention for readability.

#### Cravings (Node.js, Express.js, MongoDB, Mongoose, Sass)

Full-stack application to search restaurants in Downtown Los Angeles. Search restaurants by cuisine, dietary restrictions, or restaurant name. Create profiles and write reviews. Independent project in a two-week sprint. Deployed to Heroku.

- Crafted wireframe and design, managed timeline and milestones, defined entity relationships to manage data.
- Responsive user interface using Bootstrap framework and custom SCSS/CSS.
- Complete Model View Controller (MVC) to build full CRUD to optimize readability and scalability.
- Bcryptjs, salt, and hash to encrypt sensitive user information to handle authentication and authorization.

#### Project Wayfarer (Django, Python, PostgreSQL, CSS, Bootstrap)

Full-stack application to share travel tips around the world. Manage personal profile, create and edit posts for a variety of cities across the globe. Collaborated with 3 teammates in a one-week sprint. Deployed to Heroku.

- Led teammates by delegating responsibilities, setting timelines, and prepared stand up meetings.
  - Built responsive RESTful routes for full CRUD for dynamic and 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.
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### Professional Experience

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

JAN 2020 - APR 2021

- Collaborated with a team of 8-9 by communicating product scope, design, progress, feedback, and action items
  - Managed 50-70 projects at a time for Fortune 500 companies and civic organizations; projects included new websites and functionalities and addressing website bugs in an agile web development environment
  - Lowered typical client feedback by 50% by supporting QA by identifying errors and user experience anomalies
  - 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