

CHRISTY CHEN

408.621.5319 // christy.w.chen@gmail.com // Saratoga, CA

LinkedIn: [linkedin.com/in/christywchen](https://www.linkedin.com/in/christywchen) **Github:** github.com/christywchen **Website:** www.christychen.com

SKILLS JavaScript, Python, Node.js, Express.js, Sequelize, Flask, SQLAlchemy, Alembic, PostgreSQL, SQL, React / Redux, HTML5, CSS3, Pug, Jinja, RESTful architecture, Docker, AWS EC2 / S3

PROJECTS

The Book Nook, a book club community manager with live chat capabilities.

[Live Site](#) // [Github](#)

Python, JavaScript, Flask, Node.js, React / Redux, SQLAlchemy, PostgreSQL, WTForms, HTML, CSS, SocketIO, AWS S3

- Engineered a robust backend environment using **Flask**. Created relational tables using **PostgreSQL** and abstracted database queries from API routes into a service layer to separate concerns and improve code maintainability.
- Leveraged **Socket.IO** library to create live messaging for different book club chat rooms. Implemented data persistence on the backend so that club members can see past and present chat messages.
- Used **React hooks** to perform user authorization checks and redirect users based on validity of credentials.
- Built a normalized **Redux** store to optimize performance, reduce backend server load, and handle changes in state.

Carpe Diem, an event sharing application for hosting and finding electronic dance music events.

[Live Site](#) // [Github](#)

JavaScript, Node.js, Express.js, Sequelize, PostgreSQL, React / Redux, HTML, CSS, AWS S3

- Set up a comprehensive environment using **Sequelize** and **Express.js** with **RESTful API** design. Incorporated a database service layer, custom server-side request validations, and introduced **CSRF protection** for added security.
- Implemented event drafting and publishing with modular, styled **React** components so that event organizers can begin drafting events on the platform prior to publishing.
- Handled image uploading via **AWS S3** remote storage to make adding event images more user-friendly.

One-To-Ten, a personality surveying application that matches like-minded users with one another.

[Live Site](#) // [Github](#)

Python, Flask, JavaScript, Node.js, React / Redux, SQLAlchemy, PostgreSQL, WTForms, HTML, CSS

- Set up **API** routes in **Flask** for creating, viewing, and deleting user matches. Implemented matches in the frontend as well, including deactivation and unilateral match deletion for user convenience when blocking or hiding profiles.
- Collaborated with team members using **Agile methodology** in a weeklong sprint to deliver a viable product.

To-Moo List, an errand tracking application where users can register tasks and task lists.

[Live Site](#) // [Github](#)

JavaScript, Ajax, Node.js, Express.js, Sequelize, PostgreSQL, Pug, HTML, CSS

- Built a lightweight, single-server environment using **Express.js** and **Sequelize**.
- Used **AJAX** calls to query the database, then manipulated response data to dynamically render a single-page app.
- Exponentially improved load speed by locating and debugging a weakness where duplicate database calls were being made for previously fetched task items.

EXPERIENCE

life/after/denim Marketing & Ecommerce Manager Los Angeles, CA

2017 - 2020

- **Ecommerce:** Worked with designers and web developers to build a custom Shopify store optimized for reduced bounce rates, SEO, and an omnichannel user experience. Monitored wireframe production and approved builds for deployment.
- **Digital Strategy:** Created data-driven strategies to improve web sales and acquisition, resulting in a 30% YOY increase in revenue and 27% growth in traffic, overseeing end-to-end execution of all D2C efforts like planning, testing, reporting.
- **Email & Social:** Created campaigns, conducted A/B testing, and implemented automated flows for customer re-engagement. Conducted brand-building efforts on organic social, resulting in a 165% Instagram follower increase.

life/after/denim Marketing Associate Los Angeles, CA

2016 - 2017

EDUCATION

University of California, Los Angeles, B.A. Political Science: GPA 3.72, cum laude honors.

Graduated 2016

App Academy - 1000+ hour full-stack web development immersive program.

Graduated 2022

- **Topics:** Software fundamentals, object-oriented programming, TDD, programming best practices, scalability.