

# Andy Chen

## Software Developer

📍 Bay Area, CA or Irvine, CA    ✉ chen.andy18@gmail.com    🌐 andychen97    in andy-chen907    🖱 ACdesigns.dev

### 🔗 Technical Skills and Tools

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**Strong:** React, JavaScript (ES5/ES6), HTML, CSS, TailwindCSS, Bootstrap, Node.js, Express.js, PostgreSQL, Restful APIs  
**Experienced:** TypeScript, Leaflet Map API, Yelp's Fusion V3 API, Java, Python, MySQL, JSON, Tableau, UX/UI Design, OOP  
**Tools and Libraries:** NPM, Webpack, Three.js, Email.js, Vite, GitHub, Figma, AWS (S3, EC2), Postman, Heroku, Dokku

### 📁 Relevant Experience

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#### Web Developer / Teacher's Assistant

Aug 2022 – present

*LearningFuze* 🌐

- Led TA sessions for a Full Stack Web Development course, assisting instructors and students with daily assignments
- Collaborated with lead developers to enhance course materials with the latest industry trends and best practices
- Troubleshot technical issues and debugged code for students, ensuring smooth progress and a positive learning experience
- Conducted code reviews, providing constructive feedback to help over **30 developers** improve their coding skills and deliver high-quality web applications, all of whom used their projects as a primary portfolio piece

#### Web Developer (Internship)

Jan 2020 – May 2020

*Third Street Community Center* 🌐

- Successfully led the redesign of the Third Street Community Center's website using **HTML**, **CSS**, and **JavaScript**
- Collaborated with designers to implement an engaging and user-friendly website design, improving user experience by **46%**
- Boosted user engagement by **230%** by seamlessly integrating YouTube videos, photos, and animations into the website
- Streamlined website content by removing unnecessary text and improving the organization and clarity of various pages

### 📁 Application Developed

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#### Personal Portfolio, GitHub 🌐 | Live 🌐

- Developed 3 iterations of my portfolio, each utilizing different technologies to build upon previous designs
- Leveraged cutting-edge technologies for V3 such as **React**, **TailwindCSS**, **Three.js**, **Framer Motion**, and **Email.js**
- Optimized V2 of my portfolio for peak performance using **Vite**, **React**, **TypeScript**, and **Dokku** deployment
- Built V1 to showcase my proficiency in **React**, **HTML**, **CSS**, **JavaScript (ES6)**, and deployed with **AWS EC2 & Dokku**

#### Food Finder, GitHub 🌐 | Live 🌐

- Designed and created a dynamic app that allows users to find restaurants based on keywords and locations
- Implemented responsive front-end components using **React**, **HTML5**, **CSS3**, **JavaScript (ES6)**
- Utilized **Node.js** and **Express.js** to communicate and **fetch** data from **Yelp's Fusion V3 REST API**
- Incorporated a login with **Argon2** password hashing, stored data using **PostgreSQL**, and file uploads to **AWS S3**
- Integrated **Leaflet Map API**, enabling users to interactively navigate and explore pinpoint locations based on coordinates

#### Craving Creations, GitHub 🌐 | Live 🌐

- Designed and developed a dynamic app that allows end users to find and save desired recipes based on keywords
- Created a search feature that allows users to request data through **XMLHttpRequest (XHR)** from Tasty's public **REST API**
- Implemented **Asynchronous JavaScript & XML (AJAX)** to demonstrate query results that generated dynamic web pages
- Produced responsive front-end components designed using **HTML5**, **CSS3** and **JavaScript (ES5)**
- Designed an in-depth layout through **FIGMA's** wireframe while accounting for mobile and desktop view

### 🎓 Education

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#### Full Stack Web Development

Irvine, CA

*LearningFuze* 🌐

#### Bachelor of Science - Management Information Systems

San Jose, CA

*San Jose State University* 🌐

#### Associate of Science - Business Administration

San Bruno, CA

*Skyline College* 🌐