

Andy Chen

Software Developer

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Technical Skills and Tools

Strong: React, TypeScript, JavaScript (ES5/ES6), HTML5, CSS3, Node.js, Express.js, PostgreSQL, Restful APIs, AJAX

Familiar: Java, Python, MySQL, JSON, Tableau, Agile Methodology, UX/UI Design, OOP

Tools and Libraries: NPM, Webpack, GitHub, Figma, AWS S3, Chrome Dev Tools, Postman, Heroku, Dokku

Application Developed

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**
- Designed an in-depth layout through **FIGMA**'s wireframe while accounting for mobile and desktop view

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 **XHR** from Tasty's public **REST API**
- Implemented **AJAX** to demonstrate query results that generated whole dynamic pages
- Produced responsive front-end components designed using **HTML5**, **CSS3** and **JavaScript(ES5)**
- Constructed an in-depth **FIGMA** wireframe while accounting for mobile and desktop layouts

Professional Experience

Teacher's Assistant (Full Stack Web Development)

Aug 2022 – present

LearningFuze [🔗](#)

- Lead TA sessions for a Full Stack Web Development course assisting instructors and students with daily assignments
- Revamped and taught existing material on algorithms emphasizing real-world applications of runtime complexity
- Explained and demonstrated beginner to intermediate methodologies such as procedural, functional, and OOP
- Guided students toward efficient solutions in HTML, CSS, JavaScript, React, Node.js, Express.js, PostgreSQL, etc.

Options Trader (Personal Financial Portfolio)

Jan 2020 – Jan 2022

- Actively managed and grew a small portfolio with an 11% monthly average ROI over a period of 24 months
- Traded derivatives and underlying securities based on technical and fundamental analysis of price movement
- Performed Technical and Quantitative analysis to interpret chart patterns to pinpoint entry/exit for profitability
- Analyze current market trends using information technology and market psychology to capitalize on movement within stocks, options, and index market

Web Developer (Contracted Academic Project)

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
- Improved the user experience by seamlessly integrating YouTube videos and photos into the website design
- Improved the organization and clarity of various pages through the removal of unnecessary text
- Facilitated online donations through the implementation of a donation page with PayPal integration

Education

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 [🔗](#)