Andy Chen

Software Developer

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Technical Skills and Tools

Strong: React, TypeScript, TailwindCSS, Bootstrap, JavaScript, HTML, CSS, Node.js, Express.js, PostgreSQL, Restful APIs
Familiar: Java, Python, MySQL, JSON, Tableau, Agile Methodology, UX/UI Design, OOP
Tools and Libraries: NPM, Webpack,Three.js, Email.js, Vite, GitHub, Figma, AWS S3, Postman, Heroku, Dokku

Application Developed

Personal Portfolio, GitHub ✐ │ Live ✐
- Developed 3 iterations of my portfolio, each utilizing different technologies to build upon previous designs
- Leverage cutting-edge technologies for V3 such as **React**, **TailwindCSS**, **Three.js**, **Framer Motion**, and **emailjs**
- 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 **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**
- 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

Web Developer / Teacher's Assistant   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.

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 ✐