

ANDREW C. LO

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andrewlo42.com

TECHNICAL SKILLS

Strong • React.JS • JavaScript (ES 5/6) • CSS3 • HTML5 • Node.JS • Arduino • jQuery • OOP • API

Experienced • Java • MySQL • PostgreSQL • Node.js

Tools • Git • GitHub • VS Code • Postman • MeisterTask • Chrome Dev Tools • Figma • AWS

APPS DEVELOPED

Yu-Gi-Oh Memory Match

[Live // Github](#)

- Designed a card matching game using **HTML5**, **CSS3**, and **JavaScript** with **jQuery** to manipulate DOM elements and provide functionality
- Implemented screen responsiveness using **Flexbox** and a basic **JavaScript** AI in to play against with stat tracking and animations to enhance the game experience

Wicked Pedals

[Live // Github](#)

- Produced an ecommerce app using **React**, applying **Bootstrap** to style the app
- Utilized the **Express** framework to connect the frontend and backend
- Integrated a backend server to keep track of products and orders using **PostgreSQL**

Shadow Realmer

[Live // Github](#)

- Conceived a meet up app for trading card game players with a team of four utilizing **React**
- Constructed a backend to store user profiles, store events, and user hangouts with **PostgreSQL** integrating Google Maps API to link events in the database to real stores
- Planned using **Figma**, **MeisterTask**, and **DBDesigner** to arrange an organized course of action and improve efficiency by about 30%

PROFESSIONAL EXPERIENCE

Code Sensei | Code Ninjas

March 2019 - November 2019

- Instructed over 30 students from ages 6-13 for Computer Science, primarily **Scratch** and **JavaScript**, collaborating with other Senseis to develop curriculum and lesson plan
- Maintain spreadsheets of student progress and communicate student success with parents
- Provided marketing support which increased new student signups by about 15%

Storefront Associate | Sunmerry Bakery

January 2019 - April 2019

- Assisted customers at the cash registers and handled transactions in person and over the phone, sharing detailed knowledge of pastries, cakes, and drinks
- Increased sales through selectively organizing and stocking shelves by 20%

EXTRACURRICULAR ACTIVITIES

Core Coordinator | Asian American Christian Fellowship

September 2016 – June 2017

- Doubled club membership from 30 to 60 by revamping recruitment and publicity strategies, tripling tabling efforts and increasing flier handouts by 50%
- Managed a budget of \$100k to refine the ledger system and streamlining forms to use throughout the year for 5 campus-wide social events and scholarships for club members
- Reduced operational costs 5% by improving quality and efficiency of services and events, including t-shirt production, socials, and weekly meetings

EDUCATION

LearningFuze, Accelerated Web Development Program

- 800+ hours programming in a real world environment

University of California, Santa Barbara, Environmental Science

INTERESTS

- Smash Brothers • Magic the Gathering • Music • Cooking • Boulderling • Tennis • Traveling