ANDREW C. LO

Orange County, CA • (949) 232-5930 • andrewclo42@gmail.com

github.com/AndrewLo42 • linkedin.com/in/andrewclo • AndrewCLo.com

TECHNICAL SKILLS

Strong: React.js • JavaScript (ES 5/6) • CSS3 • HTML5 • Node.js • Arduino • jQuery • OOP • API
Experienced: Java • MySQL • PostgreSQL • Node.js • BootStrap 4 • Flexbox
Tools: Git • GitHub • VS Code • Postman • MeisterTask • Chrome Dev Tools • Figma • AWS • Ubuntu

PROFESSIONAL EXPERIENCE

Teaching Assistant | *LearningFuze* *March 2020 - Present*
- Mentor over 40 LearningFuze students **JavaScript**, **jQuery**, **HTML5**, **CSS3**, **React.js**, and **Node.js**
- Correspond with students via **Slack** and verbally to explain coding best practices and aid in debugging projects LearningFuze students request assistance for
- Supplement main instructors in expanding the potential of students through maintaining a challenging yet informative learning environment to promote student growth by approximately 25%

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
- Built spreadsheets of student progress and communicated student success with parents
- Provided marketing support which increased new student signups by about 15%

Storefront Associate | *Sunmerry Bakery* *January 2019 - April 2019*
- Accomodated customers at the cash registers and handled transactions in person and over the phone by sharing detailed knowledge of pastries, cakes, and drinks to solve customer questions and issues
- Increased sales through selectively organizing and stocking shelves by 20%

DEVELOPMENT EXPERIENCE

Wicked Pedals *Live* // *GitHub*
- Produced an e-commerce app that sells guitar effect pedals using **React.js,** applying **BootStrap 4** to style the app using **Fetch API** to connect the backend and request information about products and the user
- Developed a backend server to keep track of 12 products and orders using **PostgreSQL** to create a dynamic database that integrated the **Express** framework to connect the backend with the frontend
- Applied the use of **sessions** and **cookies** in order for different customers to keep track of items in their respective carts and to return where they left off shopping

Shadow Realmer *Live* // *GitHub*
- Designed a meet-up app for trading card game players with a team of four utilizing **React.js** and **CSS3**
- Constructed a backend to store user profiles, events, and hangouts to discern store employees and regular users utilizing **PostgreSQL** and applying **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, following **Agile development processes** to improve efficiency by about 30%

Yu-Gi-Oh Memory Match *Live* // *GitHub*
- Designed a matching game themed off a popular trading card game using **HTML5**, **CSS3**, and **JavaScript** with **jQuery** to manipulate DOM elements and provide functionality such as random card shuffling
- Implemented **responsiveness** using **Flexbox** and **media queries** to scale the game to proper screen sizes
- Engineered a basic **JavaScript** AI to play against with stat tracking and animations to enhance user experience

EDUCATION

LearningFuze, *Accelerated Web Development Program*
800+ hours programming in a real world environment under the guidance of senior developers

University of California, Santa Barbara, *Environmental Science*