

# ANDREW C. LO

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## TECHNICAL SKILLS

**Proficient:** React • JavaScript (ES 5/6) • CSS3 • HTML5 • Node • Arduino • jQuery • OOP • API

**Experienced:** Socket.io • MongoDB • PostgreSQL • Go • Bootstrap 4 • Flexbox • Ruby • GraphQL

**Tools:** Notion • GitHub • VS Code • Postman • MeisterTask • Jira • Docker • Figma • AWS • Ubuntu

## PROFESSIONAL EXPERIENCE

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**Software Engineer | Champions Round | [championsround.com](https://championsround.com)**

*August 2021 - Present*

- Develop an internal **CMS** web app using **React**, **Google Firebase**, and **Terraform** to deploy a web app to manage backend services and data by employing **Go** web services via **AWS**
- Applied **Iterable APIs** and functions to send emails to users about transactions and app notifications
- Manage the main website using **Svelte** and **Tailwind** hosted on **Netlify** to inform potential users and improve **SEO** with an approximate 12% increase of traffic and user conversion
- Coordinate with a team of 8 engineers using **Jira** and **GitHub** to allocate and facilitate task tickets

**Software Engineer | Sleegal AI / Trusli | [sleegal.com](https://sleegal.com)**

*May 2021 - October 2021*

- Launch a web app to help clients find the optimal lawyer using **React** and **Bootstrap**
- Design frontend with a design team using **Figma** and contribute with 2 other engineers with **GitHub**
- Create **serverless** backend endpoints with **AWS API Gateway** to deploy secure and scalable APIs
- Manage user information with **AWS Cognito** and connecting user data with **Retool** to organize and survey details to enhance the search algorithm

**Software Engineer | Matchraiser | [matchraiser.org](https://matchraiser.org)**

*October 2020 - August 2021*

- Implement knowledge of **JavaScript** and **Frontend** frameworks to design, develop, and maintain a web application for a charity fundraising platform
- Collaborate with 15 other engineers and UI/UX team to build **responsive** and **reusable** components, employing organization and planning tools such as **Figma**, **GitHub**, and **Notion**
- Produce optimized and reliable code using **React**, **MongoDB**, and **GraphQL** utilizing **OOP** approaches, **GitHub**, and testing with **Jest**

**Teaching Assistant | LearningFuze**

*March 2020 - May 2021*

- Mentor over 40 LearningFuze students **JavaScript**, **jQuery**, **HTML5**, **CSS3**, **React**, and **Node**
- Correspond with students via **Slack** and **Zoom** to explain coding practices and debug student projects
- Promote student growth by approximately 25% through maintaining a challenging yet informative learning environment and supplementing main instructors in expanding the potential of students

## EDUCATION

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**LearningFuze, Accelerated Web Development Program**

800+ hours programming in a real world environment under the guidance of senior developers

**University of California, Santa Barbara**, Bachelor's, *Environmental Science*