

Lawrence Chua

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EDUCATION

California State Polytechnic University, Pomona

Aug 2018 – Dec 2021

Bachelor of Computer Science

GPA: 3.64

Computer Languages: HTML, CSS, JavaScript, Python, Ruby, MongoDB, PostgreSQL

Frameworks and Tools: React.js, Express.js, Django, Ruby on Rails, Bootstrap CSS, Heroku, React Native

WORK EXPERIENCE

Coding Minds Academy

May 2023 – Present

Software Development Engineer Intern

- Developed a full-stack web application using Django, Bootstrap CSS, and Firebase to optimize student assessments, resulting in improved efficiency and a streamlined assessment process
- Led the selection and integration of a Bootstrap template to modernize the application, aligning it with current industry standards and enhancing its visual appeal
- Conducted in-depth research and implemented innovative methods to enhance the user experience for schoolchildren, effectively mitigating information overload and ensuring a seamless learning environment
- Proactively resolved over 20 frontend-related tickets within a tight 2-month timeframe, leveraging expertise in CSS and JavaScript to enhance the application's functionality and user experience

One Community Global

May 2023 – Present

Full Stack Software Engineer Volunteer

- Actively contribute 10 hours per week as a Full Stack Software Engineer volunteer for One Community Global, working on a MERN stack open-source team management project
- Improved code quality and reduced bugs by thoroughly reviewing and providing feedback on over 15 pull requests in the GitHub repositories
- Collaborate effectively with developers and managers to investigate and troubleshoot bugs, ensuring smooth project execution and timely resolution of issues

Coding Minds Academy

Oct 2021 – June 2022

Software Development Engineer Intern

- Developed and enhanced a full-stack web application, utilized by 150+ organization users including instructors, students, and managers, using React.js, Loopback 3 Node.js API framework, and MongoDB Atlas
 - Collaborated closely with managers to identify requirements and successfully implemented both existing and new pages and features using React components and RESTful API models
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PROJECTS

[Rate My Clubs](#) | Full Stack Web App | Ruby On Rails | Heroku | PostgreSQL

Sep 2021 – Nov 2021

- Lead a team of 5 computer science students to create a new mobile-responsive full stack web CRUD application similar to Rate My Professors, but with clubs instead
 - Defined project scope and set milestones to ensure timely and successful delivery
 - Implemented features such as authentication, authorization, input validation, filters, and search bar functionality
 - Conducted regular meetings to track progress and address challenges via Google Docs and Zoom
 - Successfully delivered the web application 3 weeks before the due date, resulting in time for quality assurance and implementing extra features like mobile-responsiveness
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