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experience

Google · Software Engineering Intern · Jun '19 - Present

- Developed and designed the initial prototype for a Javascript event recorder and player tool for MIT Scratch
- In 4 weeks, added 4 features to a video player for a documentation tool used by 100,000+ people
- Maintained code for the 2 aforementioned projects by creating design documentation and writing unit tests

Kitu Systems · Software Engineering Intern · Jul '18 - Dec '18

- Compiled the majority of the company's commonly reused backend code into a Node.js module
- Implemented unit and integration tests with mocks and spies utilizing Mocha, Sinon, and Chai
- Engaged in an agile workflow with daily Scrum meetings and Atlassian Jira / Bitbucket with Git

education

UC San Diego · Computer Engineering B.S. & Design Minor · Sep '16 - Jun '21

Coursework: Software Engineering, Design & Analysis of Algorithms, Advanced Data Structures, Object-Oriented Design, Database System Principles, Product Marketing and Management

leadership

ACM UC San Diego · Founding President · Mar '19 - Present

- Leading a team of 20 to establish the UC San Diego Chapter of the world's largest computing society
- Planning for 40+ events occurring over 10 weeks and grew club to 100+ members before launch

IEEE UC San Diego · Vice President External · Oct '18 - Jun '19

- Executive board of UCSD's largest engineering club and 3rd largest IEEE branch in US, with 600+ members
- Oversaw 40+ events including coding workshops and community STEM fairs, impacting 1500+ people

projects

Membership Portal · Javascript, React, Redux

- Worked as part of a team of 6 to design and build a full stack web app, developed interface with React / Redux
- Attended biweekly standup meetings, performed daily code reviews, and delegated issues to front end team

URL Shortener · Javascript, React, Redux, Node.js, Express, MongoDB

- Managed a team of 4 with Kanban and GitHub Projects to develop a URL shortener on the MERN Stack
- Designed user interface with Figma and implemented front end components utilizing React and Redux

Discord (VoIP App) Chat Bot · Javascript, Node.js, Express, EJS

- Engineered a Node.js modular chat bot with 30+ features including music and weather through XHR
- Deployed, via Heroku, into 10+ Discord chat servers for 300+ users

skills

Languages: Javascript, Typescript, Python, HTML, (S)CSS, WebAssembly, C, C++, C#, Java

Technologies: React, Redux, Node.js, Express, Docker, SQL, No-SQL, jQuery, Bootstrap, Web APIs, Unix

Workflow: Git, GitHub, Bitbucket, Continuous Integration, Kanban, Scrum, Agile, Unit & Integration Testing

Design: Illustrator, Photoshop, Affinity Designer, Figma, Sketch

extra

Hackathon Enthusiast: Created and demoed projects at 12 hackathons, judge and workshop host for SD Hacks

Distance Runner: Leading a running club with 1000+ people, completed over 40 races in 3-26.2 mile range

Video Gamer: Formerly top 1% in League of Legends and DMG in CS:GO, the world's 2 largest esports