

Juhmer Tena

619-621-0793 | juhmertena@gmail.com | Chula Vista, CA
linkedin.com/in/juhmer-tena | github.com/AxiosDeminence

Education

University of California, San Diego

La Jolla, CA

BS in Computer Science, Major GPA: 3.758

Sep. 2018 – Jun. 2022

Technical Skills

Languages: Java, Python, C, C++, JavaScript, Go, HTML, CSS

Libraries/Frameworks: Django, Pytorch, Falcon, Django REST Framework, Jest, Cypress

Technologies/Tools: Git, PostgreSQL, MongoDB, Docker, Eleventy, Vite

Projects

Portfolio Website: <https://github.com/AxiosDeminence/AxiosDeminence.github.io> Apr. 2022 – Present

- Developed a website to host an online portfolio of past and current projects for career development
- Used Eleventy to statically generate the website and increase modularity of the website development
- Leveraged LitElement, and Vite to support partial rehydration of web components for optimization

Pomodoro Web App #2: <https://github.com/AxiosDeminence/pomodoro-timer> Apr. 2022 – Present

- Inherited an existing pomodoro web app to maintain and update with a team of eight developers
- Explored time management problem domain to target specific areas of improvement for the app
- Reduced page load times by 25% by bundling public assets and implementing async JavaScript parsing
- Decoupled existing components to increase codebase maintainability by applying design patterns
- Used JSDoc with TypeScript info to introduce incremental typing to improve developer experience
- Participated in daily standups and regular meetings to organize work in an Agile fashion

Roleplay Dice Scraper: https://github.com/AxiosDeminence/MissingID_Experiment Apr. 2022 – Present

- Created a web scraper to save online dice rolls performed by a longstanding roleplay community
- Increased performance of the web scraper by binding an existing C library as a native addon for node.js
- Scraped dice rolls into valid CSV files to migrate to database systems that support importing via CSV
- Reduced the total number of queries by separating queries by dice roll ID and the relevant character

Pomodoro Web App #1: <https://github.com/malcolmmcswain/cse110-w21-group5> Jan. 2021 – Mar. 2021

- Managed a team of eight developers to design and develop a web app from scratch as a school project
- Ensured adherence to agreed quality standards by performing code reviews and regulating team practice
- Participated in regular meetings with a mock stakeholder to continuously receive feedback on the app
- Created a test suite in the CI pipeline using Jest for unit/integration testing and Cypress for E2E testing

Meeting Time Recommender: <https://github.com/AxiosDeminence/trito-n-meet> Oct. 2019 – Nov. 2019

- Led a team of four developers to deliver a native Android app to coordinate user schedules for meetings
- Created a PostgreSQL database for persistent user information including schedules and active groups
- Designed a RESTful API using Falcon to help users create groups and manage their schedules
- Developed a native Android app as a front-end to the scheduler service and API