

Loc Q. Trinh

Software Engineer

 trinhlocdesign@gmail.com

 (408) 679-1341

 [Portfolio](#)

EDUCATION

University of California, Irvine

- Major: Computer Game Science, B.S; 3.67 GPA
- Relevant Coursework: Programming with Software Libraries, Intro to Software Engineering, Program in C/C++, Software Design, Information Retrieval

EXPERIENCE

Unreal Game Developer

3METAD | Jan. 2024 - Apr. 2024

- Developed a spaceship defender using UE 4.23 blueprint, and built all systems including UI, Audio, Gameplay, and AI, while following production sprints.
- Utilized feedback and playtest sessions to reiterate design, which led to the use of different tools and third-person software to improve gameplay.
- Wrote modular scripts to easily refactor and redesign gameplay, which cut back on development time.
- Followed Agile Methodology and reported the development process every week.

AI Trainer

ScaleAI | Dec. 2023 - Mar. 2024

- Trained Large Language Models by rating prompts and responses to improve response's quality.
- Compared different AI responses by validating its effectiveness in answering the prompt.
- Tested code-snippets generated by LLM in Python and Javascript to improve AI's response accuracy and reduce bugs.

PROJECTS

Hand Tracker

- Built a web application using Angular that uses Handtrack.js to capture hand gesture events detected from a webcam to play piano keys.
- Designed the application with accessibility features in mind for all types of users.

Sleep Tracker

- Designed a mobile app using Ionic, Javascript, HTML & CSS, and Typescript to track a user's sleep time and give the user the ability to log their sleepiness.
- Logged data are viewable to the user and are stored locally.

Spotify Browser

- Used Angular to create a webpage that communicates to a backend server written in Node.js/Express to browse music, login, and search for artists on Spotify.
- Fetched data from Spotify API and developed a web interface to display searched data.

SKILLS

- Language: C++, C#, Python, MySQL, HTML & CSS
- Utilities: Github, Jira, Scrum Framework