Jason Tran

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https://jasontran-work-porfolio.netlify.app/projects

WORK EXPERIENCE

Texera, Irvine, California   July 2023 - September 2023

Programmer/Researcher

- Introduced dynamic containerization of a data analytic web service - Texera - into a website (similar to Kaggle) using docker and docker compose. Solved a fundamental issue of security on the platform, allowing them to make a public release of their website from their initially closed off usage
- Implemented restful APIs to interact from and into an existing web engine from an external site. Created an external website that managed data sets/Texera analysis using such API's
- Spearheaded design, prototyping, testing, and implementation of this website/service into the cloud using google cloud virtual machines, google Kubernetes engine, and other google cloud tools.

87G, Los Angeles, California   July 2024 – September 2024

Web Design Intern

- Worked in the launching of Emforo - a web-based integrated digital crypto social media ecosystem. Demonstrated necessary backend functionalities and improvements through front end development
- Researched, developed, and implemented UI/UX of several Emforo's mockups and landing pages for its launch - from community hubs to authentication systems to user dashboards - using react and wix

PROJECTS

Platformer Game Development – Super Petr World   January 2023 – June 2023

Project Manger

- Led infrastructural design and layout of a unity-based game project. Managed a team of 7 people. Scheduled meetings and timelines, and managed deadlines for each iteration in development.
- Implemented agile practices. Worked in weeklong sprints, introducing a working prototype of goals/features listed for each sprint. Documented, tested, and interviewed customers regarding UI/UX, gameplay features, direction etc. Grasped software development life cycle here

FabFlix – Netflix Styled Movie Hub   January 2025 – March 2025

Programmer/Cloud Deployer

- Developed a fully authenticated, full-stack movie hub website using MySQL, JWT authentication, protected routes, and a microservice-based architecture, deployed on Apache Tomcat
- Designed and deployed the application on AWS using a Kubernetes cluster, leverageing EC2 instances, S3 buckets, loadbalancing, and SQL slave replication for scability and performance. Managed k8 infrastructure/orchestration

SKILLS

- **Technical Skills:** *python, c/c++, MySQL, Docker/Kubernetes, java, unity, RESTful API, cloud deployment, git, Linux/Unix, javascript, HTML/CSS, react, flutter*
- **Additional Skills:** *Designing software architecture, data structures/algorithms, UI/UX design, agile development, team communication and leadership, documentation, presentation, Microsoft Office*

EDUCATION

University of California, Irvine

- *Major: Bachelor of Computer Science B.S.* GPA >= 3.93
- Regents Scholarship, Campuswide Honors Collegium