Thi Vu

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WORK EXPERIENCE

InOrbit (Remote)   Nov 2023 - Present
Game Designer Intern

- Collaborate with cross-disciplinary teams to develop and refine game concepts and mechanics that align with project goals and target audience interests.
- Craft detailed design documents to communicate vision, requirements, and guidelines for implementation to ensure alignment across functions.

Plano ISD (Plano, TX)   Jan 2022 - Present
AVID Tutor

- Facilitate positive reinforcement strategies for 500+ students, leading to a 30% increase in engagement and confidence levels.
- Works closely with students on specific class challenges, reviewing materials and assignments to offer targeted help.

SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript, C/C++, C#, Go
Tools/Frameworks: ReactJS, Azure, Unity, Atlassian, Jira, GitHub, Git, AWS, Blender, Unreal
Other Skills: HTML, CSS, UNIX/Linux, Figma, OpenCV, OpenGL

PROJECTS

Wikipedia, Personal Project
Python, HTML, CSS, Django, VSCode   Jul 2024

- Developed a dynamic, Wikipedia-like online encyclopedia with features for creating, editing, and viewing entries, including error handling for non-existent and duplicate entries.
- Implemented robust search functionality to redirect users to matching entries or display relevant search results containing the query as a substring, improving search efficiency by 25%.
- Enhanced user experience with clickable entry lists, a "Random Page" feature, and conversion of Markdown content to HTML.

UX Master Component Library, Senior Capstone Project
JavaScript, TypeScript, HTML, CSS, ReactJS, Figma, VSCode   Jan 2023 - May 2023

- Collaborated with a team of 6 in the development of a 2-directional UX master component library using StorybookJS in an Azure environment.
- Engaged with the sponsor, ARGO Data, to identify future opportunities for product development and proposed competitive design proposals.
- Implemented Agile development processes using JIRA, resulting in a 30% improvement in project management and documentation.

Client/Server TCP, Academic Project
Java, VSCode   May 2023

- Implemented a network application using TCP connections to enable seamless intercommunication between programs on different computers.
- Tested the application with 20+ clients, achieving an average response time of 200ms, showcasing the efficiency and scalability of the server.

Darty Party, Academic Project
C#, Unity, Blender   Nov 2022 - Dec 2022

- Delivered a fully functional virtual game of darts as part of a 4-member development team, achieving a 100% rating of the final product.
- Acted as a technical bridge, facilitating effective collaboration and communication among team members, leading to a 20% reduction in development time.

SafetyGo, Competition
JavaScript, HTML, CSS, VSCode   Oct 2020

- Delivered a 1st place-winning project for the Toyota Challenge in a team of 5 that had over 200+ competitors.
- Developed a web application that improves safety during school dismissal and reduces 30.4% of parents-identified traffic-related danger by building a safe, expedited, verifiable school dismissal pick-up system.

EDUCATION

The University of Texas at Dallas   May 2023
Bachelor of Science, Software Engineering

ACTIVITIES

- Vietnamese Student Association, Member   Aug 2019 - May 2023
- Women Who Compute, Member   May 2020 - May 2023