Thi Vu

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WORK EXPERIENCE

InOrbit Systems   **Remote**
Game Designer Intern   Nov 2023 - Present

- Collaborates with the game design team to brainstorm and develop innovative game concepts and mechanics that align with project goals and target audience preferences, ensuing in a 15% increase in user engagement metrics.
- Generates detailed design documents outlining gameplay mechanics and features for new projects, leading to a 20% decrease in development time for cross-functional teams.

Plano Independent School District   **Plano, Texas**
AVID Tutor   Jan 2022 - Present

- Implements personalized learning plans for each group of students, resulting in a 25% improvement in academic performance and a 30% increase in overall confidence levels.
- Worked closely with 600+ students on specific class challenges, leading to a 35% decrease in homework completion time and a 40% increase in test scores.

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

e-Commerce Auction, Personal Project
Python, HTML, CSS, Django, SQLite   Jul 2024 - Aug 2024

- Built an eBay-like e-commerce auction site with user capabilities to create auction listings, place bids, and manage a personalized watchlist.
- Designed key features such as bidding validation, category filters, and comment sections on listings, ensuring smooth user experience.
- Integrated Django's admin interface for site administrators to manage listings, bids, and comments efficiently, reducing administrative workload by 40%.

UX Master Component Library, Senior Capstone Project
JavaScript, TypeScript, HTML, CSS, ReactJS, Figma   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.

AWS Deployment, Academic Project
AWS   Apr 2022

- Deployed a TODO web application on a Tomcat server that provides a simple reminder service on AWS, showcasing skills in cloud-based application deployment.
- Configured AWS Linux servers, MySQL Database, and Load Balancer, ensuring seamless execution and high availability of the application.

SafetyGo, Competition
JavaScript, HTML, CSS   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 in Software Engineering

ACTIVITIES

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