

Thi Vu

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EDUCATION

The University of Texas at Dallas
Bachelor of Science in Software Engineering

Richardson, TX
Aug. 2019 – May 2023

TECHNICAL SKILLS

Languages: Java, Python, C/C++, C#, JavaScript, TypeScript, HTML/CSS, SQL, Bash/Shell, Go

Frameworks: React.js, Django, Unity, Unreal Engine

Developer Tools: Git/GitHub, VS Code, Visual Studio, Eclipse, AWS, Azure, Jira/Atlassian, Blender, Figma, OpenCV, OpenGL

EXPERIENCE

Game Designer Intern

Nov. 2023 – Present

InOrbit Systems

Remote

- Collaborates with the game design team to brainstorm and develop innovative game concepts and mechanics that align with project goals and target audience preferences, resulting 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.
- Engages with stakeholders to review and refine design documentation, ensuring alignment with project requirements and stakeholder expectations, contributing to improved clarity and project outcomes.

AVID Tutor

Jan. 2022 – Present

Plano Independent School District

Plano, TX

- 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.
- Works closely with 600+ students on specific class challenges, reviewing materials and assignments, leading to a 40% increase in test scores.

PROJECTS

Social Network Website | *Python, HTML, CSS, Django, SQLite, JavaScript*

Oct. 2024 – Present

- Built a full-stack social networking platform using Django (Python) for the back end and JavaScript, HTML, and CSS for the front end, enabling user registration, post creation, and profile management, while ensuring 95% test coverage through unit testing.
- Implemented dynamic features such as inline post editing and real-time "like" toggling using JavaScript, enhancing user interaction without full page reloads.
- Designed a secure "Follow" system and paginated feeds (using Django's Paginator) to display posts in reverse chronological order, improving scalability and user experience.

e-Commerce Auction | *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 a smooth user experience.
- Integrated Django's admin interface for site administrators to manage listings, bids, and comments efficiently.

UX Master Component Library | *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.

Darty Party | *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.