THANG TRUONG

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EDUCATION

The University of Texas at Austin   Bachelor of Science in Informatics   Graduated Spring 2025
GPA: 4.0/4.0
Certificate: Elements of Computing

EXPERIENCE

Liberal Arts Instructional Technology Services – *Student Technology Assistant;* Austin, TX   Aug 2022 - Present
- Designed and developed educational content management sites to enhance user experience, resulting in a 25% increase in website traffic.
- Provided technical support for multiple content management systems, reducing reported technical issues by 20%.
- Leveraged Figma, HTML, CSS, and JavaScript to transform 5 mockups into fully functional prototypes and created thorough documentation to ensure the accuracy and clarity of the design.

VieTalk Project – *Cofounder and Head of Technology*; Houston, TX   Aug 2020 – May 2022
- Built a [landing website](#) with HTML, CSS, JavaScript that attracted over 200 successful sign-ups for the new cohort of the VieTalk Project, resulting in a traffic of 600 monthly visitors.
- Constructed and executed comprehensive lesson plans for a student cohort of 30, utilizing varied teaching strategies and techniques to ensure students' academic success.
- Garnered media coverage on [VnExpress International](#), a Vietnamese news outlet with 225.8 million annual visitors.

University of Houston – *Research Assistant*; Houston, TX   Mar 2020 - June 2020
- Assisted in the back-translation of a research measurement for parental experience with raising a child with autism, ensuring its accurate interpretation and application for 100 participating households.
- Provided translation services for various research materials, including the consent form and subtests within the larger measures, ensuring accurate translation in over 2,000 words.

ACADEMIC PROJECTS

PGE Hackathon Fifth Place Winner - CatBoost Decision Tree Prediction Model   April 2022
- Utilized 5 Python libraries (Numpy, Pandas, Pyplot, Matplotlib, and Seaborn) for data cleaning and visualization.
- Produced a report of the project, delivering a compelling presentation to a panel of over 50 attendees and 10 judges.

Personal Website and Blog   Dec 2021
- Utilized Figma to design mockups and developed the personal website and blog using HTML, CSS, and JavaScript, resulting in over 400 monthly visitors and an inspiring platform to share personal experiences and perspectives.
- Engineered a fully functional web application with a robust Flask backend, allowing for user registration and login, as well as the storage and retrieval of data.

To Do List App - Congressional App Challenge Winner   Dec 2019
- Developed a custom iOS application using Swift, different Cocoapods projects, and Core Data database, resulting in a stable and high-performing application.
- Formulated an interactive UI/UX interface that included unique features for adding projects and scrolling through tasks, leading to a high user engagement.

HONORS

- UT PGE Energy AI 2022 Hackathon Fifth Place Winner   March 2022
- University Honors (3 semesters)   Fall 2021 - Fall 2022
- Winner of Congressional App Challenge for Texas 2nd District   Dec 2019

ADDITIONAL INFORMATION

Area of Interests: Software Engineering, Data Science, UI/UX Design, Web Developement
Computer Skills: Java, Python, CSS, HTML, JavaScript, Figma, Canva, Swift, PyCharm, XCode, Jupyter Notebook
Soft Skills: Research and Qualitative Analysis, Time and Stress Management, Teamwork, Critical Thinking, Communication