Wen Chi Cheng

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Skills

Programming Languages: C++, Java, JavaScript(React/D3), R, Python, HTML, CSS, SQL
Frameworks / Tools: Node.JS, Unity, RStudio, Git, PowerShell, Windows, MySQL, Azure

Professional Experiences

Game/Localization Consultant Story Crop Studio Feb 2022 - Present

Assist developers with testing operations. Experience-related projects localization, construction of Terminology Database. Planned and executed translation testing sessions, identifying critical usability issues and driving design improvements that resulted in a 20% increase in task completion rates and a 15% decrease in player frustration.

Assistant Researcher Story Crop Studio Jun 2021 – Feb 2022

Managed a large database of research data, ensuring accuracy and compliance with regulations. Created and administered surveys and questionnaires, collecting quantitative data that informed product enhancements

Steam Translation Volunteer Valve Jun 2022 – Present

Provided translation services in a variety of settings, language, building a Terminology Database. Collaborated with cross-functional teams to incorporate user-centered translation principles

Education

B.S., Informatics Data Science | University of Washington, Seattle June 2024

Coursework: Data Analysis/Abstraction, Object-Oriented Programming, Descriptive Statistics, Database Systems and Management, UI/UX, Machine Learning, Optimization, Software Architecture, Interactive Systems, Algorithms.

Projects

Capstone Project: Chimu(Sponsored by UW) | **Softr, Looker** Website | App | Video

- Inherited from previous Project, utilized no code service to develop user databases.
- Assisted in the development and implementation of Web applications.
- Plan and execute usability testing sessions to evaluate the effectiveness of user interfaces and identify areas for improvement.

Course project: LinkedIntegrity (Ongoing)| **Python** GitHub | Article

- Developed and implemented machine learning models to improve accuracy of detecting a bot profile, resulting in a 93% accuracy in detection.
- Develop data mining algorithms and techniques to discover hidden insights from vast amounts of structured and unstructured data.

Group project: Digital Medical ID | SQL server, JavaScript, CSS, HTML

- Engineered and launched a centralized Digital Medical ID system using SQL Server, ensuring secure and efficient management of patient medical records. This initiative resulted in a 35% enhancement in data retrieval speed and accuracy for medical personnel.