Haru Sakai

UT Tyler Alumni

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Highly motivated Computer Science graduate with a strong academic background and practical experience in software development and research. Skilled in multiple programming languages and frameworks, with a focus on mobile app development and database management. Demonstrated leadership and teamwork abilities through academic projects and extracurricular activities.

Work Experiences

Computer Science Research Assistant
University of Texas at Tyler, Tyler, TX | June 2022 - August 2023
- Developed a cross-platform application for smartphone fluency assessment in senior citizens, collaborating with the UT Tyler Memory Assessment and Research Center (MARC)
- Utilized Flutter and Firebase for robust, multi-device compatible development
- Implemented secure data collection methods for psychology team analysis

AVID Tutor
Winona High School, Winona, TX | August 2020 - May 2021
- Conducted group tutoring sessions for 5-20 students, adapting teaching methods to individual learning style.
- Identified and implemented effective educational resources to support student learning
- Maintained regular communication with students and teachers to track progress and adjust strategies

Education

B.S. in Computer Science, Minor in Mathematics
University of Texas at Tyler, Tyler, TX | Fall 2020 - Fall 2023

- GPA: 4.0/4.0 (Summa Cum Laude)
- President's Honor Roll: 7/7 semesters

High School Diploma
Winona High School, Winona, TX | Graduated May 2020
- Valedictorian, GPA: 5..206/5 (weighted)

Projects

Patriots Parking: Mobile app visualizing real-time campus parking lot status with authentication and admin capabilities

Patriots Connect: All-in-one social media app designed to boost student engagement at UT Tyler, featuring campus event discovery, real-time messaging, study group formation, and AI assistant.

Vesta App: House furnishing game developed for MARC's cognitive research study. Designed and implemented challenge scenarios to assess users' decision-making and problem-solving skills. Implemented secure data collection and anonymization protocols to protect participants' privacy

Skills

Programming Languages: C++, Java, Dart, HTML, CSS, Python, SQL, JavaScript
Frameworks: Flutter, Firebase, React Native
Tools: Visual Studio, Android Studio, XCode, Eclipse, GitHub, Microsoft 365, Blender, Unreal Engine
Languages: Japanese (native), English (fluent)

Leadership and Activities

Asian Student Association | University of Texas at Tyler
Treasurer (Fall 2022 - Fall 2023)
- Managed finances, planned biweekly meetings, and organized fundraising events

Association for Computing Machinery | University of Texas at Tyler
Member (Fall 2022 - Fall 2023)
- Participated in regular leetcode sessions to enhance problem-solving skills

Relevant Coursework

Machine Learning, Digital Forensics, Database Management Concepts, Information and Knowledge Management, Software Development, Net-Centric Computing