
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
- 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 admin capabilities

Patriots Connect: All-in-one social media app designed to boost student engagement at UT Tyler

Vesta App: House furnishing game developed for MARC research study, featuring challenge scenarios with inaccurate transactions and messages

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