

AKIHIDE TAKEI

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SUMMARY

Recent Computer Science graduate seeking a Software Engineering role to apply solid programming skills and enhance overall software performance.

EDUCATION

Sam Houston State University - Master of Computer Science **Huntsville, TX | Jan 2022 - Dec 2023**

- Major in Computer Science

University of Houston - Bachelor of Science

Houston, TX | Jan 2019 - Dec 2021

- Major in Computer Science, Minor in Mathematics

SKILLS

Programming Languages: Java, C++, C#, SQL, JavaScript, TypeScript, HTML/CSS

Framework Experiences: .Net, Blazor, React, Node.js, Angular, Bootstrap

Tools and Platforms: VS Code, GitHub, Microsoft Azure, Postman, Keil Studio, Arduino IDE

WORK EXPERIENCE

Software Developer - Intern: IntegraShare Solutioneering Incorporated **Remote | Mar 2024 – Jun 2024**

- Led integration of IoT device data into the operational framework, displaying seamlessly on UI for the first time in company history. Orchestrated .NET with Blazor framework, integrating Azure Functions for real-time data retrieval and SQL database synchronization.
- Developed intuitive UI components and implemented API integrations, enhancing user experience and operational efficiency.

Web Developer - Intern: SHSU College of Arts & Media

Huntsville, TX | Aug 2023 - Dec 2023

- Orchestrated the implementation of an advanced tool that automated the scanning and updating of HTML files based on Excel inputs; optimized site maintenance processes, resulting in a 60% reduction in maintenance costs and a 30% increase in site efficiency.
- Engineered a successful platform migration by driving collaboration among teams, launching cutting-edge features that enhanced user experience.

Graduate Assistant - SHSU Department of Computer Science

Huntsville, TX | Sep 2022 - Sep 2023

- Achieved expertise in software evaluation, debugging, and troubleshooting skills through hands-on testing and grading of student projects, honing my critical software assessment skills.
- Enhanced teaching and technical communication skills by proficiently explaining technical concepts through direct engagement, fostering a more comprehensive understanding among students.

CS Student Worker - SHSU Department of Computer Science

Huntsville, TX | Jan 2022 - Aug 2022

- Played a key role in a machine learning project with in-depth research and implementation, leading to software analysis that now forms 70% of an academic course's material.
- Implemented HTML/CSS newsletters, enhanced communication within the academic community.

Software Engineer - Intern: Multinet International Inc.

New York, NY | Jun 2021 - Sep 2021

- Elevated cloud databases by applying JavaScript and RESTful APIs, boosting data accessibility, and reporting capabilities, and gaining fundamental full-stack web development skills.
- Developed and maintained a dynamic Power BI dashboard, improving client engagement with real-time data analysis and effective communication of UI/UX requirements.