AKIHIDE TAKEI

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SUMMARY

Passionate individual seeking a Software Engineering role with 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, JavaScript, TypeScript, Python, MySQL, PSQL, HTML/CSS
Framework Experiences: React, Node.js, Express, Angular
Tools and Platforms: VS Code, GitHub, Keil Studio, Arduino IDE

WORK EXPERIENCE

Web Developer - Intern: SHSU College of Arts & Media   **Huntsville, TX | Aug 2023 - Dec 2023**
- Transformed web presence by spearheading a redesign and boosting teamwork, achieving seamless platform migration and launching innovative features.
- Implemented an innovative tool that Automated scanning and updating of HTML files from Excel inputs, intelligently identifying and updating sections, significantly enhancing site maintenance.

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, resulting in a refined ability to critically assess software functionality.
- Enhanced teaching and technical communication skills by proficiently explaining technical concepts through direct engagement, fostering a more comprehensive understanding among students.

Coding Coach - theCoderSchool   **Spring, TX | Jun 2023 - Aug 2023**
- Developed proficiency in software requirements analysis, technology research, and evaluation across various programming disciplines through guiding diverse student projects.
- Enhanced communication skills in a dynamic learning environment as a guiding coach.

CS Student Worker - SHSU Department of Computer Science   **Huntsville, TX | Jan 2022 - Aug 2022**
- Contributed significantly to a machine learning project, by conducting both research and practical implementation, resulting in valuable software analysis that shapes future academic course content.
- 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 dashboard, improving client engagement with real-time data analysis and effective communication of UI/UX requirements.
- Contributed to IoT network research, exploring and advancing the company's technological capabilities in the field.