Sophia Wu

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EDUCATION

Georgia Institute of Technology <div align="right">Atlanta, GA</div>
Bachelor of Science in Computer Science <div align="right">Aug. 2021 - May 2024</div>

EXPERIENCE

Software Engineer Intern <div align="right">May 2023 – August 2023</div>
Ultimate Kronos Group <div align="right">Weston, FL</div>

- Worked on quality testing and ensuring payrolls features worked as properly intended for over 75,000+ client companies
- Implemented unit, integration, and automated tests on various features in the UKG Pro product, using C#, Microsoft SQL Server, and NUnit Testing Framework.
- Proactively identified and resolved issues with both automated and manual tests, ensuring the highest quality standards and maintaining seamless user experiences prior to releases.

PROJECTS

Georgia Tech Marketplace | *TypeScript, React.js, Firebase*

- Developed a full-stack web application tailored for Georgia Tech students to facilitate the buying and selling of goods within the campus community.
- Enhanced user experience by developing intuitive interfaces using React, improving site navigation and accessibility.
- Integrated Firebase for efficient real-time data handling and robust user authentication, ensuring a seamless and secure user experience.

Escape to Cheese Puzzle Game | *Unity, C#*

- Directed a team of four in an Agile environment to develop a puzzle-based video game, focusing on strategy and navigation to evade obstacles and solve challenges.
- Crafted immersive 3D environments using Unity, enhancing player engagement.
- Programmed complex mini-game puzzles and character dynamics using C#, contributing to a dynamic game flow.

Discord Bot for Final Fantasy XIV | *Python, APIs*

- Developed a Discord bot serving over a hundred gamers by facilitating real-time data retrieval and event tracking for Final Fantasy XIV.
- Leveraged Google Calendar's API to manage and synchronize community event schedules effectively.
- Integrated XIVAPI and FFLogs API to fetch and display in-game item and character data, enhancing user interaction and engagement.

Future Experience of Esports VIP Team Leader <div align="right">January 2023 – May 2024</div>
Georgia Institute of Technology <div align="right">Atlanta, GA</div>

- Worked as a researcher on a team lead by Dr. Laura Levy to create methods to gauge and better the health of and performance esports athletes
- Led a sub-team, scheduling team meetings and coordinating communication between the team and various collegiate teams to facilitate research
- Conducted interviews with collegiate teams to gather insight on different perspective regarding factors affecting health and performance
- Created and analyzed Qualtrics surveys, gathering hundreds of respondent data to provide guidance for the team to develop new methods

TECHNICAL SKILLS

Languages:: English (Native), Cantonese Chinese (Native), Mandarin Chinese (Native), Japanese (Intermediate)
Programming Languages and Frameworks: Java, JavaScript, Python, C#, SQL, HTML, CSS, TypeScript
Frameworks and Developer Tools: Git, GitHub, Docker, Microsoft SQL Server Management Studio, DataGrip, Unity, React, Jira, React.js, Node.js
Concepts: Object-Oriented Programming, Web Development, Agile/SCRUM, Data Structures