Min Su Kim

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SUMMARY

Kia ora! I'm Minsu, a 2nd year (penultimate) BCIS student Specializing in both front-end and back-end development, I have a strong understanding of Object-Oriented Programming, Data Structures, and Algorithms. These skills have been honed through academic courses, personal projects, and hobbyist endeavours. I thrive in team environments, valuing collaboration, knowledge-sharing, and effective communication.

EDUCATION

Bachelor of Computer and Information Sciences
Expected Graduation: Nov 2024
Auckland University of Technology   **GPA:** 6.00/9.00 (B+)
Major: Software Development   **Minor:** Data Science

SKILL SUMMARY

Problem Solving

I demonstrated my resilience and aptitude for problem-solving by earning a 3rd place finish in the CSEA x Maps Coding Competition. Out of 80 participants from all years at the University, I stood out by excelling in complex data structure and algorithmic challenges.

Leadership

As the leader of a five-person team, I spearheaded our victory in New Zealand's most prestigious esport League of Legends tournament at the time, Clash of the Taniwha NZ. As the leader, I was responsible for coordinating schedules, maintaining high morale, and acting as a mediator to resolve any conflicts efficiently, ensuring team cohesion.

Communication and Teamwork

My experience in cricket and soccer laid the groundwork for teamwork and communication. At Gallagher, I honed these skills by collaborating across departments and maintaining a 6S-compliant workspace. At New World, my customer service and order management abilities contributed to team success. In both roles, I was proactive in suggesting solutions and seeking clarifications, ensuring that the team was aligned toward common goals.

PROJECTS

SnapVote Polling Website (HTML, CSS, JavaScript, Firebase) [Website](#) [Github](#)
- Developed an interactive polling website using JavaScript and integrated Firebase's Realtime Database and Firestore for dynamic data management. Implemented dynamic input generation, URL parameter extraction for custom URLs, and real-time data synchronization, enhancing live voting updates, as well as implementing JEST for unit testing.
- Utilized Google's Firebase Firestore API to create a real-time, cloud-based NoSQL database for the polling application. The real-time capabilities of Firestore were leveraged to update, store and retrieve poll data

based on unique poll IDs, enabling users to view and vote on existing polls. This demonstrates my ability to effectively integrate and utilize cloud-based APIs to enhance the functionality and user experience of web applications.

Citius (Java, Java Swing) Github

- Leveraged Java and the Swing library to develop a sequential memory game involving a random colour generator, handling the implementation of game logic and event handling. Incorporated a timer countdown to enhance gameplay dynamics,
- Incorporated a variety of Java Swing components which encapsulates a dynamic 2D grid for the game, showcasing my proficiency in Java, Swing, object-oriented design and data structures.

Discord Spotify bot (JavaScript) Github

- Built a Discord bot in real-time using Node.js and discord.js, showcasing my expertise in JavaScript and asynchronous programming.
- Designed the bot with robust error handling for a seamless user experience, highlighting my commitment to user-centric design.
- Integrated Spotify Web API and Discord Web API to offer music suggestions based on user input, illustrating my capabilities with REST API integration and complex logic.

EXPERIENCE

Production Team Member   **Dec 2021- Mar 2022, Hamilton, NZ**

Gallagher

- Proficient in a variety of manufacturing tasks including soldering, assembly, machine operation, and general engineering, with a dedication to maintaining quality and efficiency during operation.
- Committed to maintaining a clean and organized workspace following the principles of 6S, ensuring optimum work environment at the end of each day.
- Strong communication and adaptability skills between me and different team members allowed me to work cross-collaboratively across different departments, outlining my adaptability and flexibility in a dynamic work environment.

Deli Kitchen Assistant   **Nov 2019 – Feb 2020, Hamilton, NZ**

New World

- Demonstrated proficiency in customer service and order management, ensuring prompt and efficient response to customer needs.
- Adhered to strict cleanliness, health, and safety standards, showcasing a commitment to maintaining an optimal work environment.
- Utilized strong communication skills to assist in successful team collaboration, contributing significantly to the overall success of the team.

SKILLS

Applicable Skills: JavaScript || Java || SQL || Python || C# || Git || R || C || Bash scripting || AWS
Hobbies: Cricket, Soccer, Gaming, Social Sports, Weightlifting, Socialising
Achievements: CSEA x Maps Coding Competition 3rd place || Clash of the Taniwha NZ League of Legends Tournament 1st place
Referrals: Available on Request