

SEAN WOTHERSPOON

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TECHNICAL SKILLS

Languages: Java, C/C++, Python, HTML5, CSS3, JavaScript, TypeScript, SQL

Frameworks/Libraries: Angular, Angular Material, Swing, RxJS, Leaflet

Developer Tools/Technologies: Git, Maven, Make, MSSQL, Visual Studio Code

PROJECTS

Threat Reporting System | *Angular, Leaflet API, Hashify API* **December 2023**

- Developed a web application using Angular for threat reporting in the Lower Mainland
- Incorporated Hashify API to validate passwords, ensuring secure access for authorized individuals to edit, remove, and manage reports effectively
- Utilized Leaflet maps API and OpenStreetMaps to visualize reported incidents dynamically, providing a comprehensive overview of nuisance reports through an interactive map interface

Codenames | *Java, Swing* **May 2023**

- Successfully translated the renowned board game 'Codenames' into a digital format, expertly fusing UI design principles through Figma and Java Swing to achieve a flawlessly integrated and user-friendly experience
- Led Codenames development, employing Java for AI gameplay, JSON serialization for efficient game-saving, and accessibility options, crafting an inclusive gaming experience that highlighted a fusion of programming skills and user-centric design principles
- Collaborated effectively, enhancing the Codenames experience through innovative teamwork that showcased creative synergy and resulted in a successful project

N-Puzzle Solver | *Java* **March 2023**

- Constructed a versatile Java application that efficiently solves N-Puzzles of varying dimensions by dynamically adjusting to puzzle input
- Implemented a versatile solving approach that dynamically selects the most suitable algorithm based on the puzzle's size
- Devised an intuitive mechanism using parent-child relationships to deliver a clear and complete move sequence list leading to enhanced usability and user engagement with the solver

WORK EXPERIENCE

Real Canadian Superstore **May 2023 - Present**

PC Express *Coquitlam, BC*

- Demonstrated a combination of meticulous attention to detail and swift execution in product selection, efficiently fulfilling online orders with accuracy and speed
- Collaborated with a dynamic team to maintain a seamless curbside pickup service, fostering positive customer experiences through effective communication and attention to detail
- Delivered exceptional customer service as a personal shopper, ensuring accurate and timely order picking while providing friendly and helpful assistance to customers, contributing to customer satisfaction, positive feedback, and the fostering of a customer-centric culture within the team

EDUCATION

Simon Fraser University **May 2022 – Present**

Bachelor of Science, Computing Science *Burnaby, BC*

HOBBIES & INTERESTS

Soccer **April 2015 - Present**

Coquitlam Metro Ford Soccer Club, Port Moody Soccer Club

- Led as captain, fostering team cohesion through strong communication and example, resulting in improved morale and shared commitment
- Demonstrated commitment through consistent punctuality and attendance, fostering a disciplined and dependable team culture
- Guided team as captain, skillfully resolving conflicts to enhance team collaboration, leading to improved morale and a strengthened commitment