Spencer Hum

(647) 636 - 6315 | spencerhum04@gmail.com | github.com/spencerhum04 | linkedin.com/in/spencer-hum

EDUCATION

Queen's University Kingston, ON
Bachelor of Computing Honours *Sep. 2022 – Present*
- **Relevant Courses:** Data Structures, Software Specifications, Computer Architecture, Game Design, System Level Programming, Discrete Math for Computing II, Logic for Computer Science

SKILLS

Programming: Python, Java, JavaScript, Typescript, HTML/CSS
Frameworks: React, Tailwind CSS, DaisyUI, Svelte, SvelteKit
Tools: Linux, Git, Visual Studio Code (VS Code), PyCharm, Eclipse, Unity

EXPERIENCE

Canada Computers & Electronics Richmond Hill, ON
Business Applications Developer Intern *Sep. 2024 – Dec. 2024*
- Built and designed the B2B (business-to-business) website front-end for Canada Computers & Electronics
- Utilized JavaScript, React, Tailwind CSS, and Typescript for dynamic rendering and improved site performance
- Integrated e-commerce functionality, forms, orders, quotes to meet client needs
- Collaborated with distributor companies to integrate real-time stock levels, pricing updates, and automated ordering directly through the website, streamlining inventory management and reducing manual workflows
- Collaborated with back-end teams to seamlessly integrate front-end features with the existing ERP (enterprise resource planning) system to enhance data flow

PROJECTS

Naruto Filler List | *Svelte, SvelteKit, Tailwind CSS, DaisyUI*
- Developed an interactive Naruto Filler List guide website with filtering capabilities for episode categories such as 'filler', 'canon', and 'mixed'
- Built user-friendly filters and toggle options to display episodes in table format with optional titles and descriptions, enhancing navigation for anime fans
- Leveraged Svelte, SvelteKit, Tailwind CSS, and DaisyUI to create a responsive and dynamic user interface
- Responsive design and compatibility across all devices and screen sizes

Portfolio Website | *React, JavaScript, HTML, CSS*
- Developed an interactive portfolio website using React, JavaScript, HTML, and CSS
- Incorporated UI/UX designs and patterns using Tailwind CSS to ensure an aesthetically pleasing user experience
- Leveraged HTML, CSS, and JavaScript to create a dynamic and engaging platform, effectively showcasing personal projects and achievements

Genetic Rockets | *JavaScript*
- Developed a program where rockets learn to increase accuracy progressively to reach a certain point based on the successes of previous attempts
- Functionalities to save and include obstacle data for a more complex environment
- Past attempts are saved and shown so that the user can see exactly where previous attempts ended

Minimax Algorithm AI | *Python*
- Incorporated a minimax algorithm for AI decision-making; responsive and visually engaging
- Implemented flexible game modes, allowing player versus player (PvP) or AI interactions
- Enabled real-time updates of the user interface to reflect moves and game state changes seamlessly