Spencer Hum

(647) 636 - 6315 | spencerhum04@gmail.com | Github | Linkedin

EDUCATION

Queen's University   Kingston, ON
Bachelor of Computing, Specialization – Software Design   *Sep. 2022 – Present*
- Awarded Dean's Honours List for Fall 2022, Winter 2023
- **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, C, JavaScript, HTML, CSS, Bash
Frameworks: React, NodeJS, Tailwind
Tools: Linux, Git, VS Code, Visual Studio, PyCharm, Eclipse, Unity
Professional Skills: Adaptability, Flexibility, Time Management, Communication, Collaboration

PROJECTS

Personal Website | *JavaScript, CSS, HTML*   Dec. 2023
- Developed a personalized website using JavaScript, CSS, and HTML, showcasing various features
- Incorporated UI/UX designs and patterns seamlessly through Tailwind CSS, ensuring an aesthetically pleasing and user-friendly experience
- Ensured the website's responsiveness and compatibility across various devices and screen sizes, providing a seamless experience for all users
- Leveraged HTML, CSS, and JavaScript to create a dynamic and engaging platform, effectively showcasing personal projects and achievements

Genetic Rockets | *JavaScript*   Jan. 2023
- Rocket targeting program utilizing JavaScript, featuring a learning capability to enhance accuracy progressively
- Integrated functions to establish and employ variable operands, enabling dynamic adjustments for increased flexibility
- Deployed a genetic pattern to enable rockets to learn and enhance performance based on the successes of prior attempts
- Incorporated functionalities to record data regarding encountered obstacles, contributing to a more thorough comprehension of the environment

Minimax Algorithm AI | *Python*   Dec. 2022
- Incorporated a minimax algorithm for AI decision-making, ensuring optimal moves in a responsive and visually engaging Tic Tac Toe game
- 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

WORK EXPERIENCE

Eagles Nest Golf Club   Richmond Hill, ON
Facilities Technician   *May 2023 – Sep. 2023*
- Managed and organized golf tournaments for regional events
- Ensured a high level of facility orderliness and patron satisfaction during both recreational and competitive golf sessions
- Provided training to staff members on the proficient operation of golf course machinery, contributing to enhanced operational efficiency

McDonald's   Vaughan, ON
Back Kitchen, Customer Service   *June 2020 – Dec. 2021*
- Engaged with a diverse customer base, ensuring a positive and personalized experience for each individual
- Demonstrated strong time management skills in a fast-paced work environment, consistently meeting deadlines and maintaining high productivity levels