Amir Hasrati

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Education

University of Guelph　　　　　　　　　　　　　　　　　　　　　　　**Grad. May 2027**
Bachelor of Computing, Computer Science　　　　　　　　　　　　　　　　*Guelph, Ontario*

Technical Skills

Languages: Python, JavaScript, C, Java, HTML/CSS
Technologies/Frameworks: Git, Node.js, Express, Tailwind

Projects

Personal Website | *JavaScript, Tailwind, Express.js, Node.js*　　　　　　　　**January 2024**
- Designed and implemented a personal portfolio website and deployed it with fly.io.
- Built elegant, interactive, and responsive UI using Tailwind and JavaScript.
- Implemented server routing to various end points using Express.js.
- Manipulated the DOM to highlight the appropriate menu items based on the state of the website.

The Web Developer Bootcamp | *HTML/CSS, BootStrap, JavaScript*　　**April 2023 – September 2023**
- Structured, styled, and manipulated web pages using HTML, CSS, and JavaScript.
- Created responsive components such as navbars and banners to provide a positive user experience.
- Integrated websites with open source APIs like OpenWeatherMap in order to rapidly build powerful applications.
- Created resource-oriented endpoints using Express.js to enable seamless data communication between clients and servers, adhering to RESTful architecture principles.
- Implemented efficient CRUD operations to enable the API to create, read, update, and destroy data using Express.js.

Whack-A-Cloud | *Python, Agile*　　　　　　　　　　　　　　　　　　**December 2020**
- Conceptualized and implemented a Whack-A-Mole style game using Python's Pygame library.
- Collaborated with group members throughout the development life cycle, adhering to agile methodologies to boost productivity and improve project organization.
- Conducted team meetings, promoting collaboration and encouraging each member to effectively contribute to the project.
- Handled and managed user clicks with Pygame's event object to track and update the score of the game every frame.

Experience

University of Guelph　　　　　　　　　　　　　　**September 2023 – December 2023**
Teaching Assistant | Introduction to Programming　　　　　　　　　　　　*Guelph, Ontario*
- Taught C programming concepts, including print-formatting, conditional statements, loops, functions, pointers, and structs to over 200 students.
- Graded coding assignments using an in-house automatic grading script and communicated accurate feedback and explanations to each student.
- Proactively followed instructor specifications and requirements, completing tasks efficiently and contributing to a cohesive teaching team, providing a positive learning environment for all students.
- Resolved student questions promptly, demonstrating a strong, conceptual understanding of programming foundations and adapted explanations to cater to different learning styles.

Loblaws, Inc　　　　　　　　　　　　　　　　　　**October 2021 – March 2022**
Personal Shopper　　　　　　　　　　　　　　　　　　　　　*Richmond Hill, Ontario*
- Worked in a team environment to organize and prepare customer orders with care and efficiency ensuring to pay meticulous attention to detail.
- Analyzed and assessed orders at the end of each day to ensure quality customer service and satisfaction.

Awards

University of Guelph Entrance Scholarship　　　　　　　　　　　　　　　**September 2022**

Queen's University Entrance Scholarship (Declined)　　　　　　　　　　　**September 2022**