Joshua Yeung

yeun7340@mylaurier.ca linkedin.com/in/joshua-yeung/ github.com/josh-yeung josh-yeung.github.io/

Relevant Skills

Spoken Languages: English (Native), French (Professional working proficiency), Cantonese (Elementary proficiency)
Programming Languages/Tools: Python, C, C++, Racket, HTML, CSS, JavaScript, Linux OS (Bash), R, SQL, Microsoft Excel

Education

University of Waterloo AND **Wilfrid Laurier University**

Bachelor of Computer Science
September 2021 – Class of 2026 (Anticipated)

Bachelor of Business Administration
September 2021 – Class of 2026 (Anticipated)

Work Experience

Trisura Guarantee Insurance Company — *Financial Analyst / Junior Underwriter Contract Surety*
January 2023 – May 2023

- Prepared company research and analysis, prepared reports for management; made written recommendations
- Interfaced as necessary with clients for underwriting issues and participated in ongoing client meetings and conference calls
- Conducted financial modeling to determine performance and assess risk
- Analyzed financial strength and positions of current and new business

City of Toronto — *Lifeguard & Swim Instructor*
June 2019 – September 2021

- Commenced my student journey as a lifeguard and advanced to the role of a swim instructor
- Acquired and consistently upheld first aid and emergency response expertise
- Showcased strong teamwork and leadership abilities by ensuring the safety of all patrons in and around the swimming area
- Demonstrated analytical and public relation skills by evaluating students' swimming techniques based on the success criteria requirements and dealing with patron inquiries regarding the aquatic amenity space

Interrelated Projects

NASA Space Apps Hackathon - Water Quality and Environmental Information App

- Developed a Water Quality and Environmental Information App using Python, leveraging libraries like openpyxl for data integration from online Excel sheets and geopy for GPS-based location services. The app provided real-time environmental data, including weather updates, nearest water bodies, and water quality information, presented through an intuitive user interface, contributing to environmental awareness and informed decision-making.

Chess

- A comprehensive chess implementation crafted with a range of object-oriented programming techniques, including classes, design patterns, inheritance, and polymorphism, all executed using C++. This program facilitates games between two human players and offers a fundamental player vs. AI feature. It fully supports standard chess maneuvers, including check, checkmate, and castling, and features a basic graphical interface built using X11 for visualizing the gameplay.

Blackjack

- A polished website developed using HTML, CSS, and JavaScript that adheres to the official rules of the game while incorporating additional elements like monetary transactions and betting functionality, delivering a professional and engaging gaming experience.

Weather App

- A website employing HTML, CSS, and JavaScript, designed to retrieve weather data from an API and exhibit it on a webpage. This webpage offers interactivity, allowing users to enter a city name and instantly receive real-time updates on specific weather conditions.

My journey in development has equipped me with a comprehensive skill set spanning front-end and back-end technologies. I independently honed web design skills, progressed from fundamental concepts to complex projects like Blackjack and the Weather App with API integration. Additionally, I demonstrated proficiency in C++, reimagining classic games like Chess, showcasing expertise in dynamic memory management and object-oriented design. Moreover, I developed a Water Quality and Environmental Information App, enhancing my grasp of development by creating a user-friendly interface, integrating online data sources, and expanding my expertise in real-time environmental information analysis and presentation. These experiences enriched my coding and problem-solving abilities while addressing real-world issues.