

Joshua Yeung

 github.com/josh-yeung  joshyeung.com  linkedin.com/in/joshua-yeung  joshyeung126@gmail.com

EDUCATION

University of Waterloo <i>Bachelor of Computer Science</i>	September 2021 - August 2026
Wilfrid Laurier University <i>Bachelor of Business Administration</i>	September 2021 - August 2026

SKILLS

Languages: C/C++, Python, JavaScript/TypeScript, HTML/CSS, SQL
Tools/Frameworks: AWS, React, Postman, Swagger, Git/GitHub, Linux/Unix, VS Code, Tableau

EXPERIENCE

Software Developer <i>Bank of Montreal</i>	January 2025 – April 2025
<ul style="list-style-type: none">Tested and maintained scalable, secure REST APIs using AWS Lambda and API Gateway, enabling real-time access to backend databases for banker-facing applicationsDeveloped a secure API to dynamically enable or disable CloudWatch logs based on IAM role policies, enhancing operational control and reducing unnecessary logging overhead by an estimated 40%, contributing to improved cost efficiencyCreated an internal React dashboard for the API team to visualize key performance indicators, leveraging CloudWatch and DynamoDB for real-time data on latency, SLA compliance, and customer engagementLeveraged Node.js with TypeScript/JavaScript, Swagger, and Postman for development, documentation, and testing, enabling 95%+ endpoint reliability and reducing integration bugs by 50% through thorough automated testing and validation	
Business Analyst <i>Bank of Montreal</i>	January 2024 – April 2024
<ul style="list-style-type: none">Utilized Python and Selenium to automate tests, streamline processes, and automate repeated manual tasks, enhancing operational efficiency from 3 hours to 30 minutesWrote and executed SQL queries to organize and clean up company databases, ensuring data integrity and accessibilityAdapted seamlessly to various tasks, including providing banker support via the ServiceNow ticketing system, creating comprehensive reports, and meticulously documenting processes	
Financial Analyst/Junior Underwriter <i>Trisura Guarantee Insurance Company</i>	January 2023 – April 2023
<ul style="list-style-type: none">Conducted thorough company research and analysis, generating comprehensive reports for management with actionable recommendationsInterfaced as necessary with clients for underwriting issues and participated in ongoing client meetings and conference callsUtilized advanced financial modeling techniques to evaluate performance, assess risk, and analyze the financial strength of both current and new business ventures	

PROJECTS

Chess <i>C++, X11, Git</i>	November 2023
<ul style="list-style-type: none">A comprehensive chess implementation crafted with a range of object-oriented programming techniquesUse of UML diagrams to assess the interaction among various classes at a higher levelEmployed the Model-View-Controller (MVC) architecture, dividing the game into three components to reduce dependencies whilst enabling seamless communication	
NASA Space Apps - Water You Up To? <i>Python, PYSimpleGUI, OpenPyXL, GeoPy, Git</i>	October 2023
<ul style="list-style-type: none">Developed a PySimpleGUI app to integrate real-time environmental data, including weather updates and water quality informationLeveraged libraries like OpenPyXL for data integration from online excel sheets and GeoPy for GPS-based location services	