

MICHAEL BOSCIGLIO

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Education

University of Ottawa

Ottawa, ON

Bachelor of Applied Science Software Engineering (CO-OP)

2019 - 2023

- **Notable Courses:** Design and Analysis of Algorithms I, Intro to Artificial Intelligence, Software Requirements Analysis, Software Design and Architecture, Advanced Programming Concepts With C++, Databases I, Software QA, Introduction to Computing I & II, Technical Report Writing

Work Experience

Canada Border Services Agency

Ottawa, ON

Software & Database Developer

May 2023 - August 2023

- Led the revamp of the System for Export Examinations used by Canada's Border Officers aimed at optimizing the user's workflows through a Java, Swing and SQL based application
- Contributed to improving the performance of the Observational Border Database and TicketMaker applications through runtime analysis in Python and usability through Java, Swing, and SQL
- Conducted stakeholder meetings with Border Officers to obtain user requirements and receive feedback on implemented features in multiple CBSA applications

Canada Revenue Agency

Ottawa, ON

Jr Programmer

May 2022 - August 2022

- Reviewed and updated program specifications when implementing legislative changes in an ISPF mainframe development environment using COBOL, JCL and CICS
- Engaged in multiple phases of a taxation project's development cycle using Jira to collaborate with analysts and developers based upon requirements given by the Government of Canada

Immigration, Refugees and Citizenship Canada

Ottawa, ON

Jr Programmer Analyst

Sept 2021 - Dec 2021

- Updated an online web application based on project requirements that create Excel reports of online transactions conducted through the IRCC website using Java, Spring, JasperReports and Excel
- Performed manual and automated testing of project code using JUnit in Eclipse tracked with Github

Innovation, Science and Economic Development Canada

Ottawa, ON

Telecom Technical Officer

Jan 2021 - April 2021

- Reviewed official project documentation for industry leading telecommunication corporations across Canada based on the Universal Broadband Fund project specifications
- Analyzed project changes and claims to ensure that companies meet project standard and deadlines

Projects

- **Mouse Accessibility Attachment (Capstone Project)** React, Python, TypeScript, MongoDB, Cypress
- **TrackBite (Diabetic Meal Tracking)** Java, Android Studio, Firebase
- **Personal Portfolio** HTML, Tailwind CSS, NextJS
- **Morgan Stanley 2022 Hackathon** React, Tailwind CSS, Vite

Technical Skills

- **Languages:** Java, SQL, Python, C++, HTML, CSS, JavaScript, PHP, COBOL, JCL
- **Developer Tools:** React, Cypress, CircleCi, Express.js, TypeScript, Tailwind CSS, SSMS, Swing, GitHub, Jira, Postman, NextJS, Firebase, Selenium, ISPF Mainframe, CICS, Bitbucket, Spring, JasperReports, Android Studio