

# MICHAEL BOSCIGLIO

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## Work Experience

*Canada Revenue Agency*

*May 2022 - August 2022*

*Jr Programmer*

- Reviewed and updated program specifications when implementing legislative changes in a mainframe development environment using CICS, COBOL and JCL
- Engaged in multiple phases of a taxation project's development cycle using Jira to collaborate with analysts and developers

*Immigration, Refugees and Citizenship Canada*

*Sept 2021 - Dec 2021*

*Jr Programmer Analyst*

- Utilized Java, Spring and JasperReports to complete project requirements
- Updated web application which created reports of online transactions through the IRCC website
- Collaborated on projects using version control software such as Github
- Performed manual and automated testing of code using JUnit in Eclipse

*Innovation, Science and Economic Development Canada*

*Jan 2021 - April 2021*

*Telecom Technical Officer*

- Reviewed official project documentation for telecommunication corporations across Canada
- Analyzed project changes and claims to ensure that projects will meet specific deadlines
- Organized project files through a web-based document management system
- Utilized information security practices to protect project partners

## Education

*University of Ottawa*

*2019 - Present*

*Bachelor of Applied Science Software Engineering (CO-OP)*

- Notable Courses: Design and Analysis of Algorithms I, Software Requirements Analysis, Software Design and Architecture, Advanced Programming Concepts With C++, Databases I, Operating Systems, Software Quality Assurance, Analysis and Design of User Interfaces, Introduction to Computing I, Introduction to Computing II, Technical Report Writing

## Professional Development

*Projects*

- TrackBite: Diabetic Meal Tracking Application → Java, Android Studio
- DCMS: A Dental Clinic Management System → PHP, PostgreSQL
- Personal Portfolio: My Website → NextJS, tailwindcss

*Hackathons*

- Morgan Stanley 2022 Hackathon Participant: Online
- Candev 2020 Hackathon Participant: University of Ottawa
- UOttHack 2020 Hackathon Participant: University of Ottawa

## Summary of Skills

Front-End: HTML, CSS, JavaScript, React, tailwindcss, NextJS, Typescript, PHP

Back-End: Python, C++, Java, Firebase, CICS, COBOL, JCL, Pygame, PostgreSQL, Selenium

Developer Tools: GitHub, Jira, Visual Studio Code, Bitbucket, Trello, Notion, Figma,

Android Studio, Sublime, Windows/Linux