MICHAEL BOSCIGLIO

linkedin.com/in/michaelbosciglio | michael.bosciglio245@gmail.com | github.com/MichaelBosciglio

Technical Skills

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

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
- **TrackBite (Diabetic Meal Tracking)**   Java, Android Studio, Firebase
- **Personal Portfolio**   HTML, Tailwind CSS, NextJS
- **Morgan Stanley 2022 Hackathon**   React, Tailwind CSS, Vite

Education

University of Ottawa   **Ottawa, ON**
Bachelor of Applied Science Software Engineering (CO-OP)   2019 - Present
- **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