Justin El-Chibani

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EDUCATION

Bachelor of Applied Science in Software Engineering (CO-OP), *Sep 2023 - Dec 2027*
Engineering Management and Entrepreneurship Option
University of Ottawa
- **CGPA: 3.5 / 4**

WORK EXPERIENCE

Global Affairs Canada (Ottawa, ON), *Quality Assurance Analyst, CO-OP.* *Jan 2025 - Apr 2025*
- Conducted **Quality Assurance Testing**, including **regression testing** and **validation**, to ensure software and hardware builds met the highest standards of functionality and security
- **Automated** testing processes using **PowerShell scripting**, enhancing efficiency and reducing manual workload
- Identified and resolved technical issues through effective **problem-solving and troubleshooting**, contributing to system reliability and quality improvements

Wouessi Digital (Remote), *Software Developer Trainee, Contract.* *Feb 2025 - Mar 2025*
- Contributed to the **development** of an **Employee Management System (EMS)** as part of the EMS team.
- Developed and maintained the **frontend** using **React.js** and **CSS**, managing global application state with **React's Context API** to create a responsive and user-friendly interface.
- Collaborated with the team in an **agile environment**, implementing new features, debugging issues, and improving performance.

Global Affairs Canada (Gatineau, QC), *Junior Business Relationship Manager, CO-OP.* *May 2024 - Dec 2024*
- Collaborated with **internal** and **external stakeholders** to understand their business needs and align **IM/IT services** with organizational goal
- Worked with **cross-functional teams** to **streamline processes** and enhance **efficiency**, leading to a **32% reduction** in incident resolution times
- **Charged** with coordinating **cross-team communication** to ensure adequate information flow

Transport Canada (Ottawa, ON), *Student, Federal Student Work Experience Program.* *Jun 2023 - Aug 2023*
- Utilized various **software applications** and **databases** to **gather** and **analyze data**
- Assisted in generating comprehensive **reports**, **charts**, and **graphs** to support **decision-making processes**
- Leveraged **Microsoft Excel** to **organize government-protected files**, enhancing readability
- Assisted in conducting **process audits** to identify areas for improvement and implement best practices
- Led **quality assurance** efforts to ensure **data accuracy** and **consistency** in file management

PROJECTS

Event Attendance Management System - Mobile Application Development *Sep 2024 - Nov 2024*
- Collaborated in a 6-member team to design and implement a **mobile app** for event registration and attendance tracking using **Android Studio** and **Firebase**.
- Utilized **Java**, **XML**, and **Firebase** to develop role-based access, user-friendly interfaces, and secure database integration following software engineering best practices.
- Emphasized iterative development and user-centric design to ensure functionality and accessibility.

VirtuCampus - Website Development *Sep 2023 - Nov 2023*
- Collaborated in a 5-member team to design and **launch** a custom website, utilizing **HTML**, **CSS**, and **JavaScript**
- Utilized **Git** for improved team collaboration and project efficiency
- Applied best practices in web development, focusing on **responsive design**, **cross-browser compatibility**, and **accessibility**

SKILLS

- Languages : **Java** | **Python** | **HTML** | **CSS** | **JavaScript** | **PowerShell** | **C**
- Tools & Platforms : **Windows** | **macOS** | **Linux** | **Git** | **Docker** | **Vercel** | **Firebase** | **PowerShell ISE** | **Visual Studio** | **Eclipse** | **Sublime**