Elias Fatine

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EDUCATION

H.B.Sc. Computer Science   *Ottawa, ON, Canada*
The University of Ottawa   *09/2022 - 04/2026*

- **Awards:** Xerox Canada Inc. Scholarship, uOttawa Merit Scholarship 2020/2021, uOttawa Engineering Scholarship
- **Relevant Coursework:** Operating systems, Computer Architecture, Probability & Statistics, Data Structures & Algorithms, Databases, Software Engineering, Machine Learning, Design and Analysis of Algorithms
- **Extracurriculars**: Director of Development at the uOttawa Telfer Business Technology Association

WORK EXPERIENCE

Junior Developer - Microsoft Stack / Azure / D365 / SiteCore   *Ottawa, ON, Canada*
Canada Mortgage and Housing Corporation (CMHC)   *05/2024 - Present*

- Contributed to the entire software development lifecycle, including design, development, testing, and deployment by using tools such as C#, ASP.Net MVC, .Net Core, Azure DevOps, Visual Studio and React.
- Collaborated with experienced software developers to gain insights and deliver value to over 4 clients
- Assisted in diagnosing and resolving software issues, resulting in a 15% improvement in overall system performance.
- Documented code and development processes to maintain clear and organized project documentation.
- Worked with cross-functional agile teams to deliver projects efficiently and effectively.

IM/IT Software Tester & QA Intern   *Ottawa, ON, Canada*
Financial Consumer Agency of Canada   *01/2024 - 05/2024*

- Collaborated within an Agile environment, engaging in bi-weekly sprint planning sessions and actively participating in Scrum ceremonies. Utilized Azure DevOps Services to streamline development processes and enhance project management efficiency.
- Employed expertise in quality assurance, regression testing, and user acceptance testing to ensure the integrity and functionality of the ServiceNow product.
- Participated in ServiceNow development and testing using Javascript, contributing to the client requirements gathering, optimization and enhancement of ServiceNow functionalities.

PROJECT EXPERIENCE

Grimpeur Cycling Club, *SEG 2105 (Software Engineering)*   *09/2023 - 12/2023*

- Designed and implemented an Android application for a cycling club, facilitating efficient participant management.
- Utilized technologies such as Android Studio as well as Firebase and SQLite to securely store and manage user data for a community of 100+ cyclists.
- Collaboratively employed Git for version control, while using Java to construct the application.

Harvard University CS50 Intro to Artificial Intelligence, edX.org   *12/2023 - 05-2024*

- Introduced to AI concepts such neural networks, search, optimization and machine learning through rigorous coursework and hands-on assignments.

Microsoft Azure OpenAI Hackathon, *Canada Mortgage and Housing Corporation*   *06/2024 - Present*

- Spearheaded the development of an AI-powered chatbot using Azure OpenAI tools to streamline document retrieval and analysis across various file types resulting in a 35% reduction in search time
- Enhanced the chatbot's ability to identify and establish connections within large datasets stored on CMHC's SharePoint platform.
- Laid the foundation for modernizing CMHC's operations by integrating AI into data discovery.

SKILLS & INTERESTS

Languages: Python. Javascript, Java, C#, SQL, HTML, CSS, Typescript, C/C++, Go, Rust
Spoken Languages: Fluent in both English and French
Technologies: Git, React, Linux, MongoDB, Spring, JUnit, Bash, SQL, IntelliJ, Visual Studio, Node.js, React, Eclipse, Next.js
Awards: Received Walmart Canada's Shining Star Award in recognition of exceptional customer service.