

# Sheena Verana

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## WORK EXPERIENCE

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### Information Technology Developer | Canada Revenue Agency

September 2022 – December 2022

- Independently learned machine learning concepts by executing supervised and unsupervised ML experiments on public datasets
- Obtained the Microsoft Azure AI-900 certification
- Used Python and Flask to build a machine learning application that predicts eligibility for a loan based on provided user information
- Acquired the Professional Scrum Master (PSM I) certification resulting in successfully leading a team of 10 during scrum meetings while maintaining the Jira scrum board to track progress and impediments

### Junior Software Developer | Transport Canada

June 2021 – April 2022

- Contributed to the development of an ASP.Net Core web application and REST APIs using C#
- Enhanced REST API endpoint calls to be 20% more efficient by implementing in-memory caching of JWT tokens
- Developed new endpoints to enable the use of embedded signing of documents, resulting in two ongoing directorate projects to incorporate the API
- Implemented certificate templates using HTML and CSS
- Ensured full WCAG 2.1 compliance of generated digital certificates and client-facing website through thorough accessibility testing
- Gained experience with the Model-View-Controller (MVC) software design pattern
- Actively performed bug fixes, implemented unit tests, wrote documentation and presented demos

## LEADERSHIP & VOLUNTEER EXPERIENCE

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### Graphic Designer | Hack the Hill

September 2022 – Present

- Used Figma and Adobe Illustrator to create visual assets for social media posts, sponsorship package, and design organization website

### Vice President of Development | Women in Science and Engineering (WISE)

September 2022 – Present

- Created social media posts using Canva and updated the WordPress website

### Vice President of Finance | FilSAUO

September 2022 – Present

- Led a team of three in overseeing all financial dealings of the club
- Streamlined budgeting and funding application process by discussing pain points with events directors and implementing feedback

## PROJECTS

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### Personal Website

- Designed a personal website on Figma and implemented it with HTML, CSS, JavaScript

### Loan Eligibility Web Application

- Built a flask web application that uses classification to determine a user's loan eligibility based on inputted user information

### Government Service Android Application

- Developed an app using Java, Android Studio and Firebase DB that enables users to register for basic services offered by a government branch with a separate user, admin and employee interface

## EDUCATION

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### BASc Computer Engineering, Engineering Management and Entrepreneurship Option | University of Ottawa

Sep 2019 - Apr 2024

- Relevant Courses: Introduction to Software Engineering, Data Structures and Algorithms, Analysis and Design of User Interfaces

## SKILLS

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**Development:** Python, C#, Java, HTML, CSS, JavaScript, ASP.Net Core, Firebase DB, Azure Cosmos DB, Azure Databricks, REST APIs, JSON, React, Git, Eclipse, Visual Studio, Android Studio, Jira, Confluence

**Design:** Figma, Adobe XD, Adobe Illustrator, Adobe Photoshop, Adobe InDesign