

Gillian Tsoi

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Skills

- **Languages and Software:** Java, HTML, CSS, R, VBA, C#, SQL, Git, Ruby, Python
- **Software Development:** Agile Scrum Approach, Spiral Development Process, DevOps, SDLC, Unit Testing, UML Diagrams, Machine Learning, User Stories
- **UX:** wireframing, prototyping, HCI, CX
- **Applications:** Microsoft Office and Power Platform, Google Suite, Eclipse, Photoshop, Premiere Pro, DaVinci Resolve, Visual Studio, Jupyter Notebook, Miro, Figma

Projects

Machine Learning: Blueberry Yield (Problem from Kaggle) Python, ML

- Implemented 5 different models to predict blueberry yield (Linear Regression, Gradient Boosting, MLP Neural Network, Random Forest, Ridge Regression)

Portfolio Website HTML, CSS, Javascript

- Developed a website from scratch to showcase my projects and experience

Discord Bot Java

- Created a bot on Discord along with proper documentation and commenting

Work Experience

Technology Consulting Intern January - April 2023 / September - December 2023

Creospark Consulting Services Inc - Remote

- Conducted the transition of the company's acquisition through data migrations and documentation
- Documented and standardized EPMO team processes, creating a comprehensive 30-page manual with accompanying PowerPoint presentations that improved project consistency and reduced onboarding time for new hires by 40%
- Designed and developed custom software solutions for clients using Microsoft Power Apps, Dataverse, and SharePoint to enhance operational efficiency and decrease task completion times

Project Coordinator May 2022 - August 2022

Northbridge Financial Corporation - Toronto, ON

- Redesigned Excel project dashboard and compiled data for 15+ projects to reveal company insights
- Managed invoice processing and maintained an organized record to ensure projects were within budget and vendors received timely payments

Software Teaching Assistant September 2021 - December 2021

University of Waterloo - Waterloo, ON

- Delivered Excel lectures to 100 students and mentored one-on-one through communication and analytical problem-solving skills
- Developed several Excel applications to create an engaging learning experience

Software Developer January 2021 - April 2021

JaggedXY Inc. - Remote

- Created front-end controls, and logging and data reporting features for deployments to tier 1 and tier 2 telecom providers in the US and Canada through C# and PostgreSQL

Education

University of Waterloo September 2019 - April 2024

Bachelor's, Honours Management Engineering with Computing Option

GPA: 3.7