

# Amy Tan

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## WORK EXPERIENCE

*June 2022 - Ongoing*

Backend Developer | **Avanade (Accenture)**

200 Wellington St W, Toronto, ON

### ➤ Full Stack Developer - Microsoft

- Python Flask copilot bot backend feature development using Copilot Studio to publish in Microsoft Teams
- Full-stack, end-to-end development using Microsoft's internal Guardlist API, C#.NET Functions and Azure Function Apps to build a word filter deployed as a function app. Build and deploy Function App using Azure Pipelines and Azure Devops Release Pipelines
- Full-stack, end-to-end support in hot fix Microsoft FastTrack Copilot AI bot throughout go-live deployment, release and demos
- Testing Framework Prototype development for bots across all Microsoft FastTrack. This framework aims to ensure apps are compliant with the Microsoft Responsible AI requirements and standards.

### ➤ Java Spring Boot Backend + Cloud Developer - ViewPointe

- Cloud friendly Java Spring Boot backend file management software system design and implementation that tracks and moves documents/files to and from different Blob Storages.
- JUnit unit testing to continuously practice test driven development
- Abstract Factory Pattern, Builder Pattern and Command Pattern to create Object Oriented Programming processes to efficiently perform the file management features and tasks

### ➤ Net Full Stack Developer - Sutter Health

- Dynamic data collection form implementation using the MVC pattern on ASP.NET. Building of Data Connection to SQL Database using the Microsoft.NET framework, CRUD methods in C# Controller, and Views in Angular.js + HTML/CSS.

*Mar 2022 - May 2022*

Business Analyst | **Walmart.ca**

Remote, Mississauga, ON

### ➤ Website Data Reporting and Analysis, Seasonal Events

- Website telemetry data analyzed using Adobe Analytics and Content Square. Created excel reports measuring the performance of seasonal event campaigns and visuals. Utilized AB Testing to decide on design changes and updates.
- Designed KPIs and reporting dashboards for Walmart leadership showcasing the performance of our team's campaigns using Adobe Analytics

*Oct 2021 - Feb 2022*

Data Analyst Intern | **South Granville Business Improvement Association [BIA]**

2608 Granville St #330, Vancouver, BC

### ➤ Vendor Membership Information Spreadsheet Design

- Data Schema Redesigned for BIA's Membership Data to enable reporting KPIs and dashboarding
- Google Maps API and Google Apps Script to mine and scrub BIA's Membership data
- Utilized Google Sheets to create a user friendly dashboard and provided documentation for full time employees to use to maintain the data

## LANGUAGES/ SOFTWARE

Python (Flask, Pandas), R, Java (Spring Boot, JPA Hibernate), JavaScript (React.js, Node.js), C# (.Net), SQL (Microsoft SQL Server, Azure SQL Server), Microsoft Azure (Azure App Service, Azure Function Apps, Azure App Insights/ Telemetry, Azure Pipelines and Release Pipelines), Machine Learning, Analytics (PowerBI, Tableau, Adobe Analytics)

## CERTIFICATIONS

Microsoft Certified: Azure Developer Associate

Microsoft (March 2023)

Disciplined Agile Scrum Master (DASM)

Project Management Institute (Feb 2023)

## EDUCATION

Bachelor of Art, Honours Economics Econometric Specialization

Computing Minor, Cognitive Science Minor

University of Waterloo, 2021