Victor Tan

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EDUCATION

University of Western Ontario   London, ON
Bachelor of Science, Major in Computer Sciences   *Sept. 2021 – present*

EXPERIENCE

Software Engineer Intern   May 2025 – August 2025
Avanade Canada   *Toronto, ON*
  * Contributed to the development of new features of a large scale internal employee application for a major client.
  * Collaborated with developers, testers, and stakeholders in an Agile environment, participating in daily stand ups, sprint planning, and backlog refinement.
  * Applied tools such as Jira and Azure DevOps for task tracking, sprint management, and deployment pipelines.
  * Used Git for version control, supporting code reviews and smooth collaboration across the team.
  * Designed and implemented an internal project leveraging Azure Agentic AI to enhance query analysis and system monitoring.
  * Built an intelligent logs agent that translated plain language into KQL, executed queries, and returned results in plain language.
  * Automated the process of converting requests between plain language and KQL, significantly improving efficiency and accessibility for non technical users.
  * Developed and tested code using Visual Studio Code, integrating cloud-based services through Azure.
  * Supported the kickoff and early adoption of new tools created for the sales team, helping them better demonstrate solutions to clients.
  * Contributed to knowledge transfer and documentation efforts, ensuring smooth handoff and maintainability of solutions while rolling off.

Pharmacy Assistant   April 2021 – August 2021
Loblaws Pharmacyy   *Newmarket, ON*
  * Greeted customers and responded to questions with friendly, knowledgeable assistance.
  * Assisted pharmacists in maintaining a well organized and clean pharmacy environment for optimal workflow.

PROJECTS

Hospital database | *Sql, HTML/ CSS, PHP*
  · Designed and implemented a hospital database management system for storing and retrieving patient, doctor, and nurse records
  · Developed the front end using HTML and CSS to create a user-friendly interface for data input and viewing.
  · Built the back end with PHP to handle server-side logic, form processing, and secure communication with the database.
  · Utilized SQL for structured data storage, implementing efficient queries and ensuring relational integrity

TCP & UDP Chatroom | *Python, VS Code*
  · Developed a multi-threaded chatroom application in Python that supports both TCP and UDP protocols.
  · Implemented separate server and client classes for each protocol to handle real-time message broadcasting and multi-user connections.
  · Leveraged socket programming and threading for concurrent handling of multiple clients, ensuring efficient message delivery.
  · Incorporated error handling, name uniqueness checks, and graceful server shutdown to maintain a robust and user-friendly chat environment.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, PHP
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Azure, Affinity
Productivity Skills : Office Suite programs (Mircosoft Word, Excel, Powerpoint, Outlook), Google Sheets, Docs, Slides, Adobe Acrobat, etc.