

# Tony Tran

Full Stack Developer

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🏠 Kitchener, ON

## Profile

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Entry-level data analytics professional; recently completed Google Data Analytics Professional Certificate. Software developer with six years of experience. Will deliver high-quality code with most experience in Python and Java.

## Skills

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Programming - Software Development - Mathematics - React - Java - Data Analysis - Python - Machine Learning - Data Science - Next.js - Algorithm Design - Information Technology - Customer Relations - Neural Network - Excel

## Professional Experience

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### Digital Marketing Strategist, (*Speed Quest*)

Kitchener, ON 05/2023 - present

- Created online ads on various platforms like Google Ads and Facebook Ads to generate leads for the business.
- Conducted market research to identify target customers, analyze competitors, and develop effective strategies.
- Worked closely with team, gaining knowledge of day-to-day processes and duties
- Develop and implement marketing strategies to attract new customers and increase brand awareness for SpeedQuest's products and services.
- Created content for social media platforms to engage customers and encourage loyalty.

### IT Desktop Specialist, (*Brock Solutions*)

Kitchener, ON 05/2023 - 09/2023

- Effectively managed resources for company activities
- Provide end-user support and troubleshooting for IT issues, ensuring prompt and effective resolution to minimize downtime and maintain productivity
- Technical support and troubleshooting desktop hardware and software issues to allow smooth operation of the IT systems.
- Create and maintain documentation for IT support processes, including troubleshooting guides and knowledge base articles, to ensure consistent and efficient resolution of issues.
- Collaborate with software developers to identify and resolve software bugs and issues, ensuring that IT systems are running efficiently and effectively.
- Develop and deliver training programs to improve end-users' technical skills and knowledge, ensuring they are equipped to handle IT issues independently.
- Leveraged strong communication skills to build relationships with clients
- Microsoft Defender · Service Desk · Microsoft Power BI · Microsoft Azure · Microsoft Intune · Computer Science · Mathematics · Remote Desktop · Remote Troubleshooting · Computer Repair · Microsoft Excel and effectively.

### Supervisor, (*Speed Quest*)

Kitchener, ON 03/2022 - 09/2022

- Develop and implement marketing strategies to attract new customers and increase brand awareness for SpeedQuest's products and services.
- Worked closely with upper management to develop strategies for improving operational efficiency within the department.
- Answered customer questions and made product recommendations according to needs
- Trained new employees on company policies, procedures and work ethics.
- Distributed and created brochures, pamphlets and signage to promote product or service.
- Supervised and coordinated activities of staff to ensure compliance with established policies, procedures, and standards.

## Education

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### BS.Math Mathematical Science *University of Guelph*

Guelph, Canada 2022-2026

Relevant Courses: Data Structure, Numerical Methods, Advance Calculus I, Object Oriented Programming, Statistics II, Mathematical Statistics, Linear Algebra.

## Online Courses & Certifications

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- Google Analytics Profession Certificate (June. 2024) - [Google, Coursera](#)  
Successfully completed a six-month Google Career Certificate program, acquiring hands-on experience in data cleaning, visualization, and project management. Demonstrated expertise in interpreting and communicating complex data analytics to deliver actionable insights. Possesses a solid understanding of database systems, enhancing decision-making and operational efficiency.
- Mathematics for Machine Learning and Data Science Specialization (Feb. 2024) - [DeepLearning.AI, Coursera](#)  
Completed extensive three month Certificate for Mathematics for Machine Learning and Data Science Specialization. Demonstrate understanding in ML models that include topics such as Linear regression, Neural Networks, and Bayesian Statistics.
- Problem Solving (Intermediate) Certificate (Feb. 2024) - [HackerRank](#)
- Code Academy - Data Science Foundation (Aug. 2022) - [Code Academy](#)

## Projects

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- **2Fold: AI-Learning-Guide — Next.js, Fireabase, ThreeJs, Blender, Tailwind, Figma and OpenAi. May 2024**
  - Notes can often be outgrown and become deprecated. 2Fold aims to breath new life into them as they evolve alongside you in an completely enclosed dynamic education system.
  - Notes are stored in the database and reused when applicable to user's study guide.
  - Programmatically map correlating notes and/or suggests new (progressing or challenging) ones relating to prior knowledge determined by AI.
  - Natural language processing allows AI to accurately recommended relevant content
- **AI Exercise Rep Counter — Node.js, Next.js, React, Tailwind CSS, Google Teachable Machine May 2024**
  - Built an interactive web application that counts exercise repetitions using AI (Google Teachable Machine).
  - Utilized Node.js and Next.js for the backend and server-side rendering to optimize performance and scalability.
  - Developed the frontend with React and styled it using Tailwind CSS to create a responsive and user-friendly interface.
  - Integrated Google Teachable Machine to implement machine learning capabilities, allowing the app to accurately recognize and count physical exercise repetitions.
  - Leveraged Firebase for real-time data storage and management, enabling features like a live leaderboard that updates with user scores.
- **Laserfiche File Manager System — Java, Data Structure, Cloud Storage March 2023**
  - Co-developed a file management system to effectively create and store data.
  - Implemented efficient strategies for a large number of files with the use of RESTful APIs calls.
- **Leader-board Formatter — Python, Apex Timing Application June 2022**
  - Parses text from the Apex Timing app to display a leader-board of best times.
  - Implemented a user-friendly interface that allows users to easily navigate through the leader-board.

## Additional References

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- Available upon request

## Languages

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- English [Native]
- Teochew [Native]