

Tony Nguyen

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EDUCATION

McMaster University - Honours Bachelor of Economics, Computer Science

Relevant Modules: Data Structures and Types (Udacity)

WORK & LEADERSHIP EXPERIENCE

Investment Representative | HSBC

February 2020 - April 2022

- **Microsoft Excel:** Analyzed and maintained a portfolio of **150+ client** investments in **Microsoft Excel**, resulting in a reduction in data entry errors and improved accuracy in tracking investment performance.
- **Interpersonal Skills:** Successfully resolved and de-escalated over 100 client concerns and inquiries, achieving a **92% resolution rate** and fostering positive long-term client relationships.
- **Analytical Skills:** Provided customized risk and performance reports to clients, leading to a 10% increase in client retention and referrals due to transparency and personalized investment guidance.

Infantry Reservist | Toronto Scottish Regiment

September 2018 - January 2020

- **Communication:** Conducted 20+ training sessions, effectively instructing and mentoring junior soldiers on tactical communication protocols and enhancing overall team synergy.
 - **Leadership:** Led a team of 20 soldiers on multiple missions, achieving a 95% success rate in completing mission objectives and receiving positive feedback from superiors.
 - Awarded "Best Candidate" Certificate at basic military graduation, an award given to one of 50 platoon member for excellence performance and team work.
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PROJECTS

LOTUS MIND ~ lotusmind.ca | Github: [TonyNguyy/Lotus-Mind](https://github.com/TonyNguyy/Lotus-Mind)

- Developed a user-friendly meditation application, focusing on simple user design and an immersive meditation experience
- Improved the application's conversion rate by **15%** through A/B testing and UI/UX optimizations, leveraging **HTML**, **CSS**, and **Bootstrap** to create an intuitive and visually appealing user interface.
- Implemented backend functionality using **NodeJS**, **Express**, and **MongoDB** to handle user authentication, session management, and data storage, ensuring secure and efficient user interactions

VIRTUAL CHAT-ROOM ~ Github: [TonyNguyy/ Virtual-Chat-Room](https://github.com/TonyNguyy/Virtual-Chat-Room)

- Designed and developed a comprehensive virtual chat-room using **Flask**, ensuring end-to-end encryption and robust authentication mechanisms to facilitate private and confidential conversations
- Conducted thorough performance testing and load testing on the **SQL database**, achieving a **maximum capacity of 1000** saved chat sessions with no downtime, ensuring a smooth and reliable user experience
- Created an intuitive and appealing user interface using **Bootstrap** framework, along with **HTML**, **CSS** and **Javascript**

WEATHER ALERT APPLICATION ~ Github: [TonyNguyy/Weather-API](https://github.com/TonyNguyy/Weather-API)

- Development of a highly scalable and user-friendly weather alert web application utilizing **NodeJs** and Weather API, to locate and notified user of weather conditions of their choice, including sunny.
 - Utilized **asynchronous JavaScript** techniques to provide seamless real-time updates and push notifications, resulting in a increase in user retention and engagement.
 - Integrated a reliable **Weather API** to fetch real-time weather data for any location globally, ensuring accurate weather alerts and forecasts for users in over 200 countries.
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SKILLS

Languages: English (Native), Vietnamese (working knowledge)

Programming Languages: Python, Javascript, R-Programming , HTML, SQL, CSS, NodeJS, React

Frameworks and Tools: Django, Flask, BootStrap, SQLite, PostgreSQL, REST APIs, Git, JSON, Express, Google Cloud