Alex Nguyen

(+1) 647-978-4219 | alex2.nguyen@torontomu.ca | linkedin.com/in/trang-alex-nguyen | github.com/alexnguyen02

EDUCATION

Toronto Metropolitan University — Toronto, ON
Bachelor of Science in Computer Science — *Expected graduation: 2027*

University of Toronto (St.George) — Toronto, ON
Completed 7.5 credits towards a B.S. in Computer Science — *Sep. 2022 – Dec 2023*
- International Merit Admission Award

RELEVANT SKILLS

Programming Languages: Java, Python, JavaScript, HTML/CSS, Dart
Frameworks: React, Node.js, Svelte, Flutter, WordPress, Microsoft Excel, Microsoft PowerPoint
Developer Tools: Git, Google Firebase, VS Code, PyCharm, IntelliJ
Soft skills: Leadership, Problem Solving, Communication, Initiative, Detail-Oriented

EXPERIENCE

Mobile Developer (Part-time) — Sep. 2023 – Oct. 2024
CouBon — *Toronto, ON*
- Designed and developed an **AI chatbot** on mobile application using **Python**, **Dart**, and **OpenAI**, contributing to an increase of **10%** in app downloads from the App Store
- Implemented multiple-coupon purchase feature on mobile application using **Stripe** and **Dart**, delivering restaurant coupons to over **1000 customers** and achieving **20-50 daily active users**
- Developed a real-time notification feature using **Dart** and **Google Firebase**, helping users gain instant access to time-sensitive restaurant deals

Web Developer Intern — Jun. 2023 – Sep. 2023
Canada Black Music Archives — *Toronto, ON*
- Designed and implemented a donation system using **Stripe** and **WordPress**, expanding organization's reach to include digitally monetary contributions
- Developed a **Python** script to source over **500 videos and photos** daily, **increasing** content creation's frequency **by 50%**
- **Collaborated** with a team of three to **design** and **build** new website features, establishing a new digital presence for the organization

PROJECTS

Comprehensive Obstacle Mapping | *Svelte, Java, CSS, Git* — NewHacks Nov. 2023
- Collaborated in a team of four to design and develop a web application within 24 hours using **JavaScript, HTML, CSS** and **Svelte** that helps pedestrians and people with accessibility needs navigate Toronto safely
- Implemented user authentication using **Auth0**, **JavaScript** and **Svelte**, adding a layer of security to the app
- Conducted interactive **presentations** and created detailed **technical documentations** to communicate the project scope to the hackathon judges

Totally Trivia (Lead Engineer) | *Java, API, Git* — Nov. 2023 – Dec. 2023
- Led a team of four to develop a trivia game application with user authentication and **APIs** using **Java**, achieving a **final grade of 96/100**
- Achieved over **60% test coverage** by resolving critical bugs and ensuring code infrastructure aligned with the **Clean Architecture** principles

Post COVID-19: An Interactive Guide | *Python, Flask, API, Git* — Apr. 2023
- Implemented a recommendation system using **Python** to generate top three safest layover countries based on the COVID-19 case report **API**, helping travelers arrive at their destination safely
- Designed and developed the front-end of the app **Flask library**, increasing user experience on the app. Achieved a **final grade of 90/100**