

# Ngoc Quynh (Quinn) Nguyen

Toronto, ON | (647) 354-1270 | [ngocquynhh21@gmail.com](mailto:ngocquynhh21@gmail.com) | [LinkedIn](#) | [GitHub](#)

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## Junior Data Analyst

*Python | SQL | Data Visualization*

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### PROFESSIONAL SUMMARY

Health Informatics Technology student with academic project experience in full-stack development, database design, and systems analysis. Skilled in C#, Python, SQL, and object-oriented programming with a foundation in user-centered design. Experienced in healthcare and business environments, able to translate technical concepts into clear solutions for diverse users. Strong communicator and team leader with prior roles in HR and medical interpretation.

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### KEY SKILLS

**Programming & Scripting:** Python (NumPy, Pandas, Matplotlib, Seaborn), C#, SQL

**Databases & Data Analysis:** Oracle SQL, MongoDB | **Data Visualization:** Python, Excel, Tableau

**Web & Application Development:** HTML, CSS, JavaScript, React, Node.js

**Software Engineering:** Agile Development, Software Requirements (SRS), System Design (SSD)

**Tools & Platforms:** Unix/Linux, Git/GitHub, Microsoft Office Suite

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### EDUCATION

#### Advanced Diploma of Health Informatics Technology (Co-op)

Sep 2024 – Present

Centennial College, Toronto, ON

GPA: 4.3/4.5

- Courses:  
*Tools, Algorithms and Methods for HCIS | Software System Design | C# Programming | Web Application Development | Database Concepts (SQL) | Software Requirements Engineering | Client-Side Web Development | Web Interface Design*
- Co-Curricular Activities:  
*Officer, Centennial Engineering Club – Supported planning and execution of student-led technical workshops and events; collaborated with peers to promote engineering engagement across campus.*

#### Bachelor of Science in Business Management (Human Resources)

Aug 2017 – Oct. 2022

RMIT University, Hanoi, Vietnam

- Relevant Courses:  
*Python Programming | Strategic Management | Leadership and Decision Making | International Human Resources Management | Innovation Management | Organisational Analysis*
- Co-Curricular Activities  
*Ambassador | RMIT Vietnam Wellbeing Department - Promoted wellbeing initiatives and organized student events*

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## MAJOR ACADEMIC PROJECTS

### Account Management System – C# Console Application

- Developed a C# banking system simulator with multiple account types (checking, savings, visa), user authentication, and transaction logging using object-oriented design.
- Implemented error handling, monthly statement generation, and JSON serialization to manage accounts and users in a realistic financial workflow.

### Nobel Prize Data Analysis – Python (pandas, seaborn, matplotlib)

- Performed data analysis on Nobel Prize laureates to examine demographic and historical patterns such as gender representation, U.S. dominance, and repeat winners.
- Utilized pandas for data wrangling and seaborn/matplotlib for visualizations to communicate insights effectively.

### MedInterpreter App – SRS document

- Team Lead for requirements specification of a healthcare translation app with EMR integration and HIPAA/GDPR compliance.
  - Defined functional and non-functional requirements and created UML diagrams (use-case, class, sequence, activity).
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## PROFESSIONAL DEVELOPMENT

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|---|---------------|
| - Data Analyst in Python Career Track   Data Camp – <a href="#">Certificate</a> | Sept 2025     |
| - GitHub Foundations   Data Camp  | (In Progress) |
| - Power BI Fundamentals   LinkedIn Learning                                     | (In Progress) |
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## ADDITIONAL EXPERIENCE

Medical Interpreter   Language Line Solutions, Remote	Dec. 2022 – Jul. 2024
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- Ensured data accuracy and security across digital platforms.
- Strengthened attention to detail and rapid information processing.

Human Resources Assistant   Red Sun ITI, Hanoi, Vietnam	Mar. 2021 – Dec. 2021
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- Managed employee records and HR data with precision and confidentiality.
  - Supported recruitment and reporting, gaining experience in structured data management.
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## CERTIFICATIONS & LANGUAGES

- IELTS Certification – Band 8.0 (Fluent English)
- Vietnamese – Native