

Quang Thuan Nguyen (Vincent Nguyen)

Alawa, Australia | ngquangthuann@gmail.com | (+61) 488449856 | LinkedIn: [linkedin.com/in/quang-thuan-nguyen](https://www.linkedin.com/in/quang-thuan-nguyen) | Portfolio: vincentbytes.com

PROFILE SUMMARY

Aspiring data engineer with a strong foundation in C#, Python, and C, and hands-on experience in database management, data analysis, machine learning, and web development, Google Cloud platform. Currently specialising in data engineering and eager to contribute to data initiatives while continuing to grow professionally.

EDUCATION

The University of Charles Darwin | Darwin, Australia **July 2023 – Present**

Bachelor of Computer Science

- **GPA:** 5.688/7.0 ([Transcript](#)) | [GovHack Spirit 2023 Winner](#)

Ho Chi Minh University of Technology (HUTECH) | Ho Chi Minh City, Vietnam **Oct 2021 – June 2023**

Bachelor of Information Technology

- **GPA:** 3.65/4.0 – **Major GPA:** 3.93/4.0 | \$1000 Talent Scholarship Winner
- **Notable Achievements:** Won [Talent Scholarship](#) (\$1000) for the highest GPA in the Information Technology Faculty (2021-2022)

My Certificates:

- [Code Up NT Internship – True Blue](#)
- [Foundations: Data, Data Everywhere - Google](#)
- [Mathematics for Machine Learning \(Linear Algebra\) - Imperial College London](#)
- [Supervised Machine Learning: Regression and Classification - Stanford](#)
- [Modernizing Data Lakes and Data Warehouses with Google Cloud](#)

SKILLS

TECHNICAL SKILLS

- **Programming Languages:** C#, Python, C, Java
- **Web & App Development:** React, React Native, Tailwind CSS, Django
- **Databases:** SQL (SQL Server, Oracle), MongoDB, Snowflake
- **Cloud & Data Engineering:**
 - **Google Cloud Platform:** BigQuery, Cloud Storage, Dataflow, Cloud Composer, Pub/Sub
 - **Data Pipelines & ETL:** Python dlt (Data Load Tool), dbt
- **AI & Machine Learning:** TensorFlow, Scikit-learn, Pandas, NumPy; Regression models
- **Data Analysis & Visualisation:** Tableau, Power BI, Excel, Jupyter Notebook
- **Tools & Platforms:** GitHub, Linux, VS Code, JIRA

LANGUAGES:

- **English** (IELTS band 7: [view](#)), **Vietnamese** (Native), **Spanish** (Novice), **French** (Novice)

WORK EXPERIENCE

Norzone Premier League Data Collector at IMG Arena (On-site) **Dec 2023 - Now**

- Collected and transmitted real-time football data with 97%+ accuracy across 150+ matches
- Collaborated with a global team to deliver timely, high-quality data during peak seasons
- Maintained data integrity and clear communication under high-pressure and conflict situations

Software Developer Intern at True Blue IT Service (On-site) **Dec 2024 - Feb 2025**

- Designed a user-friendly book-selling app UI using Figma and built core features in React Native with Tailwind CSS
- Developed a scalable backend with Appwrite, supporting secure authentication, reviews, and product management
- Strengthened leadership and communication skills through hands-on workshops focused on collaboration and client interaction

Software Engineer Intern at Aubot (Remote)

Nov 2024 - March 2025

- Worked with a team to develop 9,500+ Python and Java exercises and test 4,000+ Python tasks
- Collaborated on a coding education platform under the mentorship of Marita Cheng, founder of Aubot and Young Australian of the Year 2012

IT Teaching Assistant at Ho Chi Minh City University of Technology

Aug 2022 - May 2023

- Provided one-on-one academic support in subjects like Calculus and Linear Algebra
- Delivered tutorials to 100+ students, helping all pass their programming exams

PROJECTS

SOFTWARE DEVELOPMENT

- **Sorting Algorithms Visualizer (Python, Tkinter) ([view](#))**

Interactive GUI for visualizing sorting algorithms (Bubble, Selection, Insertion, Merge, Quick, Heap Sort) with adjustable speed and threading for responsiveness.

DATA ANALYSIS AND MACHINE LEARNING

- **COVID-19 Death and Infection Rate Data Visualizations:**

- Cleaned and prepared a COVID-19 dataset from [Our World in Data](#) using Excel for import into SQL Server.
- Wrote SQL queries to support Tableau dashboards visualising global trends.
- [Heatmap of global infections](#)
- [Deaths by continent \(bar chart\)](#)
- [Infection trends and projections for 4 countries \(line chart\)](#)

WEB DEVELOPMENT

- **Book-Selling Platform (React Native, Tailwind CSS, Appwrite, Figma) ([view](#))**

Built a full-stack book-selling app with authentication, catalog, and review system; designed UI in Figma, developed responsive frontend with React Native/Tailwind CSS, and integrated Appwrite backend for secure data management

- **Mango Surveillance Website (Django, Python, PostgreSQL, Bootstrap, Chart.js, HTML/CSS/JavaScript) ([view](#))**

Developed an agricultural platform for mango growers to schedule inspections, track pest data, and analyse productivity using dynamic time calculations and real-time dashboards with user-specific data isolation.

For more projects, visit my portfolio at vincentbytes.com

VOLUNTEER

Research Mentor – Health Research Mentorship Program Casuarina Senior College, Darwin NT

Aug 2025 – Present

Mentor senior students in health science projects, collaborating with educators and industry professionals to promote STEM engagement.

GovHack NT Tech Lead 2025

Aug 2025 – Present

Support participants with technical issues, brainstorming ideas, and dealing with technical issues in the events

Volunteer Coordinator – Inspired NT CDU STEM Outreach Program

Supported STEM engagement events and workshops for students, encouraging participation in science and technology.