

Vincent (Thanh-Vinh) Nguyen

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EDUCATION

Monash University

Graduation Date: July 2025

- Bachelor of Computer Science, Data Science Specialization
- High Distinction - WAM: 96 - GPA: 4.0

EXPERIENCE

BKAV (Data Science Internship)

Nov 2022 - Jan 2023

- Worked and studied as a mentee of a junior data analyst, performed daily technical tasks and attended weekly meetings on the current projects of the data team, collaborated with a peer to present an internship report to the team leader.
- Organized and prepared data for analytics using SQL database manipulation, Python libraries, and Excel.
- Rebuilt the pseudo-random algorithm Mersenne Twister, which is used in the Random library of Python. Implemented the pseudo-random generator to optimize sorting algorithms.
- Wrote tests to compare the randomized algorithms with the original in terms of time and space complexity.

Data Glacier (Remote Internship)

Oct 2020- Dec 2021

- Collaborated with peers coming from over 15 countries around the world to investigate and explore insights regarding the U.S Cab Industry, worked within a team of 4 using data analytical approaches in order to hypothesize and deliver actionable recommendations for a go-to-market investment strategy into the Cab Industry.
- Managed technical and professional communication and collaboration between team's members by organizing and scheduling various online meetings.

Odien.Order (Online Shop Cofounder)

May 2020- Oct 2021

- Co-founded an online store through Instagram with a total of over 500 completed orders.
- Integrated promotions, social media marketing, and paid search to the marketing plan, increased the number of average interactions per Instagram post by 200% in one month.
- Gathered and processed customers' information and payments, calculated purchase subtotals, taxes, and shipping costs for submission to users. Created and maintained payment details database using Excel.
- Maintained inventory and prepared outgoing shipping supplies.

PROJECTS

[Web Portfolio](#) (Website Design & Development)

Dec 2022 - Now

- Designed and deployed an interactive portfolio web page, an online representation of my skills, experience, and up-to-date personal works using HTML, CSS, JavaScript, and GitHub Page.

[Australian Road Accidents Analysis](#) (Data Analysis)

Jan 2023

- Applied Pearson Correlation Feature Selection Techniques, and Polynomial Linear Regression Algorithm models to perform data wrangling and fill in the counter-intuitive values in the dataset.
- Explored and analyzed trends of the number of crashes over different months and years. Investigated the relationships amongst age, speed, and driving experiences of drivers.

TECHNICAL SKILLS

Programming Languages: Python, HTML, CSS, JavaScript, Java, PostgreSQL, R

Developer Tools: Git, GitHub, Pip, VS Code, Jupyter Notebooks, RStudio, Command Line, Postbird, Postman, Heroku

Frameworks and Libraries: Node.js, Express.js, Pandas, Sklearn, Matplotlib, Numpy