

# DUONG HOANG VU LAM (Mr.)

(+65) 8215 6255 | lam.duonghoangvu.work@gmail.com | <https://www.linkedin.com/in/duong-hoang-vu-lam/>

## EDUCATION

Nanyang Technological University, Singapore

Aug 2023 - Present

**Bachelor's Degree of Computing in Data Science and Artificial Intelligence, GPA: 4.43/5.00**

- ASEAN Scholarship & MOE Tuition Grant: Full coverage of tuition fees.
- Courses taken: Data Analysis with Computing, Artificial Intelligence, Statistics, Data Structures & Algorithms.

## TECHNICAL SKILLS

- Programming Languages: SQL, Python, R, C, JavaScript, HTML, CSS.
- Data Visualisation tools: Tableau, Power BI and Excel.
- Statistical Analysis: Hypothesis Testing, Regression.
- Experienced with MongoDB, Amazon Web Services (AWS) and React.
- Skills: Statistics, Data Normalisation, Data Preprocessing, Object-oriented Programming, Software Engineering.

## ACADEMIC PROJECT

**Worldwide Life Expectancy Data Analysis Project**

Jan 2025 - Mar 2025

- Preprocessed data to improve clarity and remove outliers, increasing analytical accuracy by 30%.
- Visualized statistics for various variables to identify trends and filter non-correlated variables, optimizing analytical processes by 20%.
- Conducted statistical tests on relations between variables and life expectancy, providing top 5 most effective predictors for life expectancy.

**IMDb Movie Rating Prediction Model**

Jan 2024 - May 2024

- Preprocessed data to improve clarity, improving programming and debugging efficiency by 30%.
- Trained Machine Learning model with Random Forest Regressor algorithm, reducing calculation time by 20%.

**Course Recommendation Website Project**

Aug 2024 - Nov 2024

- Integrated SkillsFuture courses API via Postman, retrieving over 1000 courses information.
- Designed an online courses recommendation system based on user's information, providing up to 90% of skills requirements for an internship.
- Oversaw front and back end operation to enhance connectivity, improving team working efficiency by 30%.

## LEADERSHIP EXPERIENCE

**Vietnamese Youth Alliance in Singapore (VNYA)**

**Project Director of "VNYA RUN! 2024"**

Feb 2024 - Aug 2024

- Innovated format to promote team-working mindsets and strong sportsmanship, reaching a breakthrough 20% increase in participants.
- Trained over 30 team members on facilitation skills for smooth and safe execution.

**Vice Project Director of "VNYA Career Fair 2024"**

Nov 2023 - Feb 2024

- Organised a highly interactive personal branding workshop for over 180 participants, facilitating skill-building and self-promotion strategies.
- Analysed past events' data to optimise the number of guest speakers, increasing participants rate by 25%.

## ADDITIONAL SKILLS

- Languages: Proficient in English and Vietnamese.
- Soft Skills: Problem-Solving, Quantitative Thinking, Presentation (with PowerPoint), Teamwork, Professional Communication.