

Phuc Nguyen (Orchard)

Information Technology Student at RMIT

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Ambitious Information Technology student with expertise in data analysis, full-stack development, and cross-functional collaboration. Experienced in managing tech projects from web platforms to data dashboards. Background includes ESL teaching, content creation, and interpretation work, enhancing communication and cultural bridge-building skills. Proficient with Python, SQL, JavaScript, and Google Workspace. Fluent in English (IELTS 8.5) and Vietnamese, conversational in Chinese and Japanese.

Projects

- **Applied Data Science Lab- World Quant University** *May 2025 - June 2025*
 - Creating an interactive Dash web application to visualize findings of a K-means model to communicate insights on financially vulnerable households
 - Building Random Forest and Gradient Boosting models to predict potential bankruptcy in Poland
 - Building Logistic Regression and Decision Tree Classifier models to predict Earthquake damage in Nepal
 - Building AutoRegressive and AutoRegressive Moving Average models to predict Air Quality and PM2.5 readings
 - Building Linear Regression and Ridge models to predict housing prices in Buenos Aires and Mexico City
 - Data Analysis of a dataset with 21,000 properties for sale in Mexico to determine whether property size or location had a bigger impact on price
- **Bachelor of Information Technology Program - RMIT Saigon South** *Feb 2024 - Present*
 - Building a full stack website (VinaSoul) that acts as a platform to connect tourists with English-speaking tour guides to promote local tourism, enabling tourists to experience Vietnam on a genuine level, to experience for themselves the Vietnam that Vietnamese people hold dear
 - Designing a fully functional Network Structure for a 4-story building complex for the start-up industry with both physical layout and logical layout configuration and IoT devices
 - Building a website to represent statistics on Climate Change across different countries and building interactive subset makers for researchers to be able to easily filter and subset data

Experience

- **Part-Time English Teacher - Liam English** *Feb 2025 - Present*
- **English and Chinese Interpreter – 2H Medical JSC** *Jun 2024 – Jan 2025*
- **Social Media Content (English Version) – Madame De Dalat** *Jun 2024 - Dec 2025*

Education

- **APPLIED DATA SCIENCE LAB - WORLD QUANT UNIVERSITY** *May 2025 - Junr 2025*
- **HIGH SCHOOL DIPLOMA - SINGAPORE INTERNATIONAL SCHOOL** *Aug 2020 - June 2031*
 - ACT: 35/36
 - Dux Award (Highest Overall Achievement)
 - Maths Champion Award
 - Literature Champion Award

Skills

- Full-stack Web Development
- UI/UX Design
- Languages: Python, Javascript, Java
- Data Visualization
- Machine Learning
- Confident Public Speaking

Languages

- English: IELTS 8.5, CEFR C2,
- Vietnamese
- Chinese: HSK5
- Japanese: N5