Cao Thi Ha Phuong

81486327 - haphuong@u.nus.edu • www.linkedin.com/in/ha puong • https://phuong-portfolio.onrender.com/

EDUCATION

National University of Singapore, School of Computing . . **Expected May 2026**
Bachelor of Science, Business Analytics, Minor in Economics
Activites: Secretary – LifeHack 2024 (NUS Computing Club), General Secretary – Business Analytics Consulting

SPECIALIZED SKILLS

Programming Language: Python, R, Java, Tableau, SQL, HTML, CSS, JavaScript, Vue.js
Data Storage/Platform: PostgreSQL, Google BigQuery, Google Collab, Firebase, KNIME
Languages: Vietnamese (fluent); English (fluent)

PROFESSIONAL EXPERIENCE

Infineon Technologies, Singapore, *Data Analyst Intern* **May. 2024 – Present**
- Developed an interactive dashboard using Plotly and Streamlit, allowing users to filter products based on preferences, and deployed it on the company's platform using OpenShift, achieving a 40% adoption rate among engineers.
- Implemented a Random Forest Regression model to predict new product features with an 84% accuracy rate.
- Created an automated and interactive platform for machine learning solutions using Flask and Plotly, enhancing usability and efficiency.
  Skills acquired: KNIME, SQL, Plotly, Streamlit, OpenShift

National University of Singapore (NUS), *Teaching Asssistant* **Jan. 2024 – May. 2024**
- **ST1131 - Introduction to Statistics and Statistical Computing**
- **NM2207 – Computational Media Literacy**
  Instructed on data visualization and statistical methods using R, delivering clear and effective lessons.
  Managed support and resolved concerns for a cohort of 100 students.
  Evaluated and improved the exam paper processing for the course, ensuring accuracy and efficiency.
  Skills acquired: R, Rstudio, Rshiny, Statisticial Analytics, Data Visualization, Interactive dashboard.

PERSONAL PROJECT

Car Rental System, NUS, *BT2102 Project,* Car Rental System
- Developed a conceptual model and a logical schema based on rental company's requirements and executing. SQL queries for project-related inquiries to gain insights.
  Skills acquired: SQL, Database, Conceptual Model, Entity Relationship, Data Management

IMDB Scraping and Analytics, IMDB Analytics
- Scraped data for the top 100 films based on customer ratings from IMDb using BeautifulSoup.
- Utilize Pandas for data manipulation and Seaborn for data visualization, creating comprehensive graphs and charts to analyze rating distributions.
  Skills acquired: BeautifulSoup, Selenium, Pandas, NumPy, Matplotlib, Seaborn

Customer Analytics, Customer Analysis Dashboard
- Conducted comprehensive analysis of e-commerce data over time and across various customer segments using Rshiny and enhance dashboard visualization with HTML and CSS for improved user experience and data presentation.
  Skills acquired: Rshiny, HTML, CSS.

LEADERSHIP EXPERIENCE

ProjectX, Vietnam, *Mentorship and Operation* . **Oct. 2023 – Mar.2024**
- Hosted workshop: Behavior Interview in Career with 200 attendants
- Managed database and score 30% application.

Vietnamese Community, NUS, *Project Director* **May - Sep. 2023**
- Led the VNCNUS Freshmen Orientation Camp for 120+ participants
- Supervised operation with logistics, finance, and engagement.
- Secured 2000 SGD sponsorship with connection from Singapore Global Network (SGN) and alumni

AWARDS

Finalist Trailblazer Nomura AI Challenge 2024 (Top 16%), Singapore	**2024**
ASEAN Scholarship for Undergraduate, NUS	**2022**
Second Prize at Vietnamese Mathematical Olympiad Competition, Vietnam .	**2021**