

EDUCATION

• RMIT University Vietnam <i>Bachelor of Information Technology in Artificial Intelligence; GPA: 3.50/4.00</i>	Ho Chi Minh City, Vietnam <i>Oct. 2020 – Expected: Mar. 2025</i>
• Seattle Central College <i>Associate of Liberal Arts and Sciences; GPA: 3.00/4.00</i>	Seattle, WA, United States <i>Sep. 2016 – Aug. 2017</i>

RELEVANT COURSEWORK

Machine Learning, Practical Data Science, Data Structures and Algorithms, Computing Theory, Artificial Intelligence, Fullstack Development, Database Application, Software Engineering Project Management

PROJECTS

• Full-stack E-commerce Web Application (React/Node/RDBMS/NoSQL) 🐙 miketvo/rmit-isys2099-group9-app <ul style="list-style-type: none">◦ Languages and Frameworks: NodeJS, Express, Mongoose, Vite, React, Bootstrap, Axios, MySQL, MongoDB◦ Responsibilities:<ul style="list-style-type: none">– Led the project as the Project Lead and SCRUM Master, coordinating and executing the project timeline.– Served as the lead database architect for the project’s relational and NoSQL databases.◦ Achievements:<ul style="list-style-type: none">– Utilized Agile and SCRUM methodologies to lead and enable a team of student of multiple specializations to deliver the project deliverables in a timely manner for each sprint while preventing scope creep and managing project risks.– Successfully deployed and integrated the application’s MySQL and MongoDB databases with its backend and frontend components using REST API.	Aug. - Sep. 2023
• Flower Classification and Recommendation System 🐙 miketvo/rmit2023a-cosc2753-assignment2 📄 Dataset: Kaggle - miketvo/rmit-flowers <ul style="list-style-type: none">◦ Languages and Frameworks: Python, Keras, Tensorflow, Scikit-Learn, Pillow◦ Responsibilities: Led student research team to produce a high-quality research paper on the subject matter.◦ Achievements: Produced a robust in-house convolutional neural network solution for flower image classification and recommendation pipeline ready for deployment with an accuracy score of 0.7.	May - Jun. 2023
• Sepsis Prediction Model 🐙 miketvo/rmit2023a-cosc2753-assignment1 📄 Dataset: Kaggle - chaunguynghunh/sepsis <ul style="list-style-type: none">◦ Languages and Frameworks: Python, Scikit-Learn, Pandas, Seaborn◦ Responsibilities: Served as the solo data scientist and researcher for the assignment project.◦ Achievements:<ul style="list-style-type: none">– Achieved a F_1 score of 0.86 using the Bagged Tree algorithm and implementing a robust data cleaning and preprocessing pipeline.– Produced a high-quality research paper on the dataset and models used for sepsis prediction.	Apr. - May 2023
• Open Source Vietnamese Keyboard for Keyman Input Method Editor 🐙 miketvo/keyboards 🐙 miketvo/vn-kmn-compiler <ul style="list-style-type: none">◦ Languages and Frameworks: Python, Keyman Keyboard Language◦ Responsibilities: Worked with Keyman administrators, developers, and its user community on keyboard development, maintenance, and deployment within an international open-sourced collaborative environment.◦ Achievements:<ul style="list-style-type: none">– Developed Python scripts to generate exhaustive syllable-based Telex and VNI keystrokes configurations by automatically analyzing and extracting data from Vietnamese dictionaries. Related project: 🐙 Telex based Han Nom input method schema generator.– Both Telex and VNI keyboard versions combined has over 35.000 accumulative downloads on Keyman website as of 2024: 🌐 Keyman - Vietnamese Telex 🌐 Keyman - Vietnamese VNI.	Feb. 2022 - Feb. 2023
• Online Client Portfolio 🌐 duonghanhi.netlify.app <ul style="list-style-type: none">◦ Languages and Frameworks: JavaScript, Gatsby, PostCSS◦ Responsibilities: Worked remotely with the client to design and develop a brand-conscious, user-friendly, and responsive portfolio landing page.◦ Achievements: Developed an interactive and attractive online portfolio to showcase the client’s teaching experience, hosted using a distributed CDN and registered to a unique domain name for nearly 2 years.	Jun. - Jul. 2021

SKILLS

- **Programming:** Python, SQL, Java, C/C++, JavaScript, PHP, HTML/CSS, Lua, Bash, Batch, Powershell, TeX
- **Technologies:** Tensorflow, Keras, Pillow, Scikit-Learn, Pandas, React, Gatsby, NextJS, Vite, Express, MongoDB, MySQL
- **Tools:** Jira, GitHub, BitBucket, Git, Vim, VS Code, Linux, Jupyter Lab/Notebook, JetBrains IDEs, Figma, Illustrator
- **Languages:** Vietnamese (Native), English (Bilingual)

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March 17, 2024

Dear Hiring Manager,

My name is Mike Vo. I am writing to express my interest in applying for the Automation Intern position at Avery Dennison RBIS Vietnam. Currently pursuing a Bachelor degree in Information Technology with specialization on Artificial Intelligence & Data Analytics at RMIT University Vietnam, and anticipating graduation in early 2025, I am excited about the opportunity to contribute my skills and enthusiasm to your organization.

In my academic journey, I have gained a solid foundation in Machine Learning, Practical Data Science, and Artificial Intelligence. Through these academic experience, I have gained strong analytical and research skill, along with a keen attention to detail. Although I currently do not have much experience with time series forecasting using ARIMA & SARIMA models, I am constantly striving to improve and learn more about new developments in data analysis and modelling, and my eager-to-learn outlook allows me to quickly learn, adapt, and develop throughout my academic and professional career.

As a proactive learner and team player, I have successfully completed various projects, ranging from machine learning classification and recommendation system to open-source software and web development. One notable achievement is my work on the Flower Classification and Recommendation System course project at RMIT University Vietnam, where I worked as the lead researcher and machine learning specialist of my team, utilizing convolutional neural network and deep learning to achieve a good performance result on our flower classification model. This has strengthen my skill to work both independently and in a collaborative team environment, with a strong focus on the data science knowledge of data analysis, classification algorithms, and clustering algorithms.

Thank you for your time and consideration. I look forward to the opportunity of contributing to and learning at Avery Dennison RBIS Vietnam.

Best regards,
Tuong-Minh (Mike) Vo