Tuong-Minh (Mike) Vo
Automation Intern
 miketvo | miketvo | miketvo.com

Ho Chi Minh City, Vietnam
Mobile: (+84)-385-892-705
Email: miketvo@outlook.com

EDUCATION

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

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)** — Aug. - Sep. 2023
   miketvo/rmit-isys2099-group9-app
  - **Languages and Frameworks**: NodeJS, Express, Mongoose, Vite, React, Bootstrap, Axios, MySQL, MongoDB
  - **Responsibilities:**
    - 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:**
    - Utilized Agile and SCRUM methodologies to lead and enable a team of student of multiple specializations to deliver the project delivarables 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.

- **Flower Classification and Recommendation System** — May - Jun. 2023
   miketvo/rmit2023a-cosc2753-assignment2 | *Dataset: Kaggle - miketvo/rmit-flowers*
  - **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.

- **Sepsis Prediction Model** — Apr. - May 2023
   miketvo/rmit2023a-cosc2753-assignment1 | *Dataset: Kaggle - chaunguynnghunh/sepsis*
  - **Languages and Frameworks**: Python, Scikit-Learn, Pandas, Seaborn
  - **Responsibilities**: Served as the solo data scientist and researcher for the assignment project.
  - **Achievements:**
    - 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.

- **Open Source Vietnamese Keyboard for Keyman Input Method Editor** — Feb. 2022 - Feb. 2023
   miketvo/keyboards | *miketvo/vn-kmn-compiler*
  - **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:**
    - 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.

- **Online Client Portfolio** — Jun. - Jul. 2021
   duonghanhi.netlify.app
  - **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.

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)

Tuong-Minh (Mike) Vo
Ho Chi Minh City, Vietnam
(+84)-385-892-705
miketvo@outlook.com

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 in 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 this academic experience, I have gained strong analytical and research skills, 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