

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

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

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 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.
- **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 - chaunguynghunh/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)

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March 17, 2024

Dear Hiring Manager,

My name is Mike Vo, and I'm interested in applying for the Technical Solutions Intern position at ClassIn Vietnam. Currently pursuing a Bachelor degree in Information Technology with specialization on Artificial Intelligence 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. 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 learn and develop throughout my academic and professional career.

As a proactive learner and team player, I have successfully completed various projects, ranging from web-based game to open-source software and web development. One notable achievement is my contribution to the development of two Open Source Vietnamese Keyboards for the Keyman Input Method Editor. Through collaboration with Keyman developers, managers, and the user community via GitHub, I developed, tested, deployed, and maintained two keyboards implementing the two popular Vietnamese Telex and VNI keyboard input schemes. Both keyboard versions combined achieved significant traction with over 35,000 downloads on the Keyman website as of 2024, making a tangible impact in the Keyman open-source community. This has strengthen my skill to work both independently and in an international team environment with a strong focus on communication with the stakeholders, customer support, critical thinking, adaptability, and independent problem solving.

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

Best regards,
Tuong-Minh (Mike) Vo