

EDUCATION

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

RELEVANT COURSEWORK

Fullstack Development, Web Development, Database Application, Data Structures and Algorithms, Building IT Systems, Software Engineering Design, Software Engineering Project Management

PROJECTS

- **Open Source Vietnamese Keyboard for Keyman Input Method Editor**
🐙 miketvo/keyboards | 🌐 Keyman - Vietnamese Telex | 🌐 Keyman - Vietnamese VNI
 - **Languages and Frameworks:** Python, Keyman Keyboard Language
 - **Exhaustive Vietnamese Keystrokes Generator:** Utilized Python scripting to generate exhaustive syllable-based Telex and VNI keystrokes configurations for the Keyman Keyboard Language from scraped dictionary of Vietnamese word.
 - **Open-source Collaboration:** Collaborated via GitHub with Keyman developers, managers, and user community to address bugs and deployment issues on Keyman App's established architecture.
 - **Deployment:** Both Telex and VNI versions combined has over 35.000 downloads in total on Keyman website.
- **Imdupes**
Open-source versatile image deduplicator inspired by fdupes | 🐙 miketvo/imdupes
 - **Languages and Frameworks:** Python, PyInstaller, Pillow, NumPy, Python unittest
 - **Innovative Perceptual Hashing:** Achieved high-performance differentiating capability for images with transparency and minor differences by developing an in-house image hashing algorithm that utilizes both traditional perceptual hashing techniques and color histogram.
 - **Deployment:** Successfully deployed the application on Homebrew and Scoop package managers for quick-and-easy cross-platform installation process on MacOS, Linux, and Windows.
- **Online Client Portfolio**
🌐 duonghanhi.netlify.app
 - **Languages and Frameworks:** JavaScript, Gatsby, PostCSS
 - **UI/UX Design:** Worked remotely with the client to design and develop a user-friendly and brand-conscious UI/UX using Agile project management methodologies.
- **Web Game**
🌐 miketvo.github.io/404-page
 - **Languages and Frameworks:** JavaScript, Phaser 3, Box2D, Webpack
 - **UI/UX Design:** Helped lead my team develop a simple HTML game loaded onto the user's device whenever they encounter a 404 NOT FOUND error on my personal website. Repurposed from coursework project for COSC2083. Currently hosted using GitHub Pages.
- **Sepsis Prediction Model**
🐙 miketvo/rmit2023a-cosc2753-assignment1 | 📊 Dataset: Kaggle - chaunguynghunh/sepsis
 - **Languages and Frameworks:** Python, Scikit-Learn, Pandas, Seaborn
 - **F1 Score:** Achieved a F_1 score of 0.86 using a customized Bagged Tree model and robust data cleaning and preprocessing pipeline.

SKILLS

- **Programming:** Python, SQL, Java, C/C++, JavaScript, PHP, HTML/CSS, Lua, Bash, Batch, Powershell, TeX
- **Technologies:** ReactJS, GatsbyJS, NextJS, Vite, ExpressJS, MySQL, MongoDB, JUnit, Tensorflow, Keras, Pandas
- **Tools:** Jira, Git, Vim, Visual Studio Code, Linux, Jupyter Lab, Jupyter Notebook, JetBrains IDEs
- **Languages:** Vietnamese (Native), English (Bilingual)

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February 13, 2024

Dear Hiring Manager,

My name is Mike Vo. I am writing to express my interest in applying for the Software Test Engineer Intern (QA/QC/Tester) position at KMS Technology. 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 team.

In my academic journey, I have gained a solid foundation in Web Development, Machine Learning, and Practical Data Science. Through these academic experience, I have gained a deep understanding of the software development lifecycle, QA/QC testing, and the importance of software documentation. Furthermore, I am constantly looking to improve myself by learning new technology and keeping up with the latest trends in the industry. While I do not have in-depth knowledge with automation testing using Selenium, Playwright, Katalon, etc., I am confident in my foundational knowledge in software testing and my ability to quickly and effectively adapt and learn these tools for the offered job position.

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, 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 from KMS Technology.

Best regards,
Tuong-Minh (Mike) Vo