

# Vinh Nguyen

Software Engineer

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## EDUCATION

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| 07/2023 – present<br>Wollongong, Australia | <b>Master of Computer Science</b><br><i>University of Wollongong</i>                            |
| 04/2023 – 06/2025<br>Wollongong, Australia | <b>English for Tertiary Studies</b><br><i>UOW College</i>                                       |
| 09/2018 – 09/2022<br>Da Nang, Vietnam      | <b>Bachelor of Information Technology</b><br><i>Danang University of Science and Technology</i> |

## AWARDS

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|---------|--|
| 03/2022 | <b>Certificate of Participation: The Student Scientific Research Conference (2021-2022)</b><br><i>Danang University of Science and Technology</i><br>Topic: Fruit Freshness Detection based on Near-Infrared Spectroscopy using Machine Learning Methods and Partial Least Squares |
| 12/2022 | <b>Publication: Designing and Deploying a Microservices-based Food Quality Inspection Platform</b> 📄<br><i>ISSCEI 2022: An International Symposium Smart City for ASEAN Experiences and Innovations</i>  |

## PROFESSIONAL EXPERIENCE

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|---------------------------------------|--|
| 08/2023 – present                     | <b>Upwork Global Inc</b><br><i>Freelancer</i> <ul style="list-style-type: none"><li>• Collaborated with diverse clients, delivering quick and flexible solutions for various web development projects.</li><li>• Specialized in front-end technologies, excelling in the swift creation of engaging content to meet client specifications.</li><li>• Achieved quick turnaround times, consistently providing clients with responsive and visually appealing websites.</li></ul>  |
| 08/2022 – 04/2023<br>Da Nang, Vietnam | <b>Danang International Institute of Technology (DNIIT)</b><br><i>Software Engineer</i> <ul style="list-style-type: none"><li>• Contributed to the R&amp;D team of the FADOTO 📄 national project supported by the Vietnamese Ministry of Science and Technology which researched and applied advanced technologies to assess and regulate fish quality in Vietnam.</li><li>• Developed a multi-platform smartphone app connects to NIR scan nano devices for instant assessment of marine fish, identifying harmful substances.</li><li>• Designed the frontend of an IDE which is a software enabling users to automatically build and generate customized Machine Learning models.</li></ul> |
| 01/2022 – 07/2022<br>Da Nang, Vietnam | <b>Sioux High Tech Software</b><br><i>Software Engineer</i> <ul style="list-style-type: none"><li>• Developed an intuitive website for SIOUX, automating employee information and leave day processes for enhanced efficiency.</li><li>• Applied the MERN (MongoDB, Express.js, React, Node.js) stack to establish a resilient and scalable foundation for the web application.</li><li>• Integrated Domain-Driven Design (DDD) principles into the software architecture, fostering a cohesive and well-structured system</li></ul>   |

## PROJECTS

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|-------------------|--|
| 02/2021 – 07/2022 | <b>Data Acquisition and Analysis System for Near-infrared Spectrum of Food</b> <ul style="list-style-type: none"><li>• Developed an Internet of Things (IoT) system which acquired and analyzed near-infrared spectral data for the further purpose of food quality assessment.</li><li>• Developed a mobile application that connects with Texas Instruments Nirxcan Nano spectroscopy Evaluation Module via Bluetooth Low Energy</li><li>• Developed cross-platform (Android and iOS) apps using React Native.</li></ul> |
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