

Vinh Nguyen

Software Engineer

✉ cathng11@gmail.com ☎ (+61) 411916989 📍 Wollongong, Australia 🌐 Github in LinkedIn 📁 Portfolio

EDUCATION

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

AWARDS

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

PROFESSIONAL EXPERIENCE

08/2023 – present	Upwork Global Inc <i>Freelancer</i> <ul style="list-style-type: none">• Collaborated with diverse clients, delivering quick and flexible solutions for various web development projects.• Specialized in front-end technologies, excelling in the swift creation of engaging content to meet client specifications.• Achieved quick turnaround times, consistently providing clients with responsive and visually appealing websites.
08/2022 – 02/2023 Da Nang, Vietnam	Danang International Institute of Technology (DNIIT) <i>Software Engineer</i> <ul style="list-style-type: none">• Contributed to the R&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.• Developed a multi-platform smartphone app connects to NIR scan nano devices for instant assessment of marine fish, identifying harmful substances.• Designed the frontend of an IDE which is a software enabling users to automatically build and generate customized Machine Learning models.
01/2022 – 07/2022 Da Nang, Vietnam	Sioux High Tech Software <i>Software Engineer</i> <ul style="list-style-type: none">• Developed an intuitive website for SIOUX, automating employee information and leave day processes for enhanced efficiency.• Applied the MERN (MongoDB, Express.js, React, Node.js) stack to establish a resilient and scalable foundation for the web application.• Integrated Domain-Driven Design (DDD) principles into the software architecture, fostering a cohesive and well-structured system.

PROJECTS

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