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Education

2018 – 2022 **Bachelor of Computer Science, University of Science, VNUHCM** 

- Advanced Program in Computer Science
- GPA 3.91/4.00, Top 10 of class

Professional Experience

10/2021 – present **Software Engineer, Employment Hero (based in Australia)** 

Ruby, Ruby on Rails, React, Apache Kafka, Redis, gRPC, Kubernetes

Junior Position (10/2021 - 08/2022)

- Started with a new team responsible for maintaining and developing a legacy product that extends from the core HR product.
- Implemented several changes to the codebase and infrastructure, resulting in a significant reduction in cost to serve by A\$46,800 p/yr and increasing Customer Experience.
- Took the initiative to investigate and resolve bugs which not necessarily belong to the team.


Intermediate Position (08/2022 - present)

- Implementing new API to digitise the manual product operation process within the existing platform, increasing ARR by ~A\$650,000 (50% uplift) and allowing the company to scale the product without requiring additional headcount.
- Enhanced a set of coding tasks and test cases to assess the skills of potential hires, leading to an increase in the number of qualified job candidates.

05/2021 – 09/2021 **Software Engineer Intern, VNG Corporation** 

Cocos2d-js, Java

- Developed a real-time multiplayer mobile game using Cocos2d-x framework (JavaScript) and Java as a back-end language.
- Self-led the team in the technical design phase.

2019 – 2022 **Back-end Developer - Teaching Assistant, Big-O Coding** 

Node.js, Java, Python, C++

Back-end Developer (10/2020 - 04/2021)

- Refactored and optimized the codebase for the Big-O Coder website, an online judge platform, resulting in improved performance and efficiency.

- Designed and implemented new API using Node.js, allowing for seamless communication between the front-end and back-end systems.

Teaching Assistant in Algorithms Courses (2019 - 2022)

- Providing assistance to students during lectures, labs, and office hours.
- Developing and maintaining course materials such as problem sets, presentations, and solutions.

Projects

10/2020	Big-O Coder Performance Testing tool , <i>Personal</i> Developed a real user simulation tool using Locus framework (Python) to check the number of concurrent users that the Online Judge platform can handle, which later helps to adjust the server resources.
01/2021	ECommerce website , <i>Course Project</i> ↗ Built a website that allows users to do online shopping using Node.js and React. Primary focus on database, USM, and API design.
11/2020	Traffic Sign Detection - Zalo AI Challenge , <i>Core Member</i> <ul style="list-style-type: none"> • Implemented a Two-stage Ensembling traffic sign detection model using CenterNet and YOLOv4.
03/2020	Address Elements Extraction task - Shopee Code League , <i>Core Member</i> Using Named Entity Recognition model to approach address elements extraction task.

Awards

12/2021	First Prize in Ho Chi Minh City AI-Challenge 2021 Completed in a team of four to solve the task Vietnamese Scene Text Recognition.
01/2021	13th Position in the Shopee Code League 2021 (Student Category) , <i>Shopee</i> Demonstrated strong coding skills and ability to solve complex coding problems, data science and object classification task.
01/2018	Third Prize in Vietnamese National Olympiad in Informatics , <i>Viet Nam Ministry of Education & Training</i> <ul style="list-style-type: none"> - The largest competition for Vietnamese high school students, with ~400 contestants. - Completed individually for 2 days to solve a total of 6 algorithmic problems in a limited time.

Skills

Programming Languages

Ruby, Java, Javascript, Python, C/C++

Technologies

Ruby on Rails, Node.js, ORM, PostgreSQL, Apache Kafka, gRPC, Redis, Kubernetes, Docker, Unix, Git

Languages

English

- Achieved an overall IELTS score of 6.5, with strong proficiency in reading and listening.
- Experienced in using technical English in a professional setting, as demonstrated in daily work communication with foreign colleagues.
- Adequate skills in speaking and writing, suitable for professional work communication but may need improvement for more complex tasks.

Vietnamese

Native Speaker