

# JANNY TRAN (Ngoc Yen Nhi Tran)

## Junior Software Engineer

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## PROFILE

High-performing Master of Computer Science student with demonstrated ability to learn complex systems quickly, design structured solutions, and translate theory into working software. Proven self-learner with hands-on project experience and a non-traditional background that brings strong problem-solving, communication, and system-thinking skills. Seeking a Junior role to contribute to real-world systems while continuing to grow technically.

## TECHNICAL SKILLS AND TOOLS

- **Programming:** Python, C#, JavaScript, SQL.
- **Frontend:** React, Tailwind CSS, HTML, CSS.
- **Backend:** ASP.NET Core, REST APIs.
- **Tools & Cloud:** SQL, Git, Docker, AWS.
- **Data & AI:** Pandas, NumPy, scikit-learn, basic ML pipelines, RAG concepts.
- **Practices:** Testing, Agile/Scrum, Figma, Photoshop, Canva, MS Office, AutoCAD, 3D Modelling.

## EDUCATION

### Master of Computer Science

07/2024 – Expected 07/2026

*University of Wollongong, NSW*

- Consistently high-performing student with a WAM of 90/100
- Strong grounding in software engineering, data systems, and applied machine learning

### Mentorship Program – Software Engineering

8/2025 – 12/2025

*Jung Talents, NSW*

- Engaged in a structured mentorship program focused on transitioning into software engineering roles to strengthen full-stack development skills through guided project work in React, ASP.NET, REST APIs, and system design fundamentals.
- Actively incorporated mentor feedback to improve code quality, architectural decisions, and problem-solving approach.

### Bachelor of Interior Design

09/2014 – 11/2019

*University of Architecture Ho Chi Minh City, Vietnam*

- Valedictorian of Interior Design Course 2019 (HD: 3.45/4).
- Developed structured problem-solving, design reasoning, and stakeholder communication skills

## SELECTED PROJECTS *(GitHub repositories available via profile link)*

### Profile Website

11/2025 – 12/2025

- Designed and developed a responsive frontend using React and Tailwind CSS, focusing on clear component structure, state management, and user experience.
- Integrated frontend components with backend APIs, applying clean data flow, reusable UI patterns, and maintainable styling practices.

### Domain-Specific AI Chatbot (Shakespeare Literature)

04/2025 – 06/2025

- Independently designed and built an end-to-end AI system independently, structuring raw text data into retrievable formats and integrating RAG to improve answer accuracy and relevance.
- Demonstrated strong self-learning and engineering judgment by iteratively refining prompts, data chunking, and system architecture to balance correctness, performance, and simplicity.

## COMPETITIONS

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### IEEE Xtreme 24hour programming competition

26/10/2024 – 27/10/2024

- Competed in a 24-hour
- global programming challenge.
- Collaborated effectively in a team of two, applying logical decomposition, Python implementation, and strategic use of permitted AI tools.
- Result: Scored 519.09, ranked 11th in Australia (out of 31 teams) and 1838th globally.

## WORK EXPERIENCE

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### Hospitality Roles in Wollongong

09/2024 – Current

*Viet Viral (Figtree/Dapto NSW) | Jin's Place (Thirroul NSW) | Bangkok Balcony (West Wollongong)*

- Worked effectively in fast-paced environments, developing strong teamwork, communication, and time-management skills.
- Followed procedures accurately and adapted quickly to changing priorities.

### Interior Designer

11/2019 – 03/2024

*TTT Architects (Vietnam) | Adrien Desport Architects (Vietnam)*

- Worked across multiple project stages, translating stakeholder requirements into practical, well-documented solutions.
- Managed design requirements, design documentation, and project deadlines with attention to detail.

## EXTRA-CURRICULAR ACTIVITIES

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### Pulse Volunteer

08/2024 – Current

*University of Wollongong*

- Developed interpersonal skills by assisting students in navigating resources and services effectively.

### CREG Volunteer

08/2024 – 02/2025

*Corrimal Rotary Environment Group*

- Collaborated on environmental cleanup initiatives, demonstrating teamwork and organizational skills.

### Course Team Leader

09/2024

*TCS Sydney Marathon presented by ASICS*

- Coordinated volunteer teams, showcasing leadership and planning capabilities.

## LANGUAGE

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- **Vietnamese** (native)
- **English** (fluent)

## REFEREES

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Available upon request