

Thai Gia Ngan (Grey) Nguyen

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INTRODUCTION

Highly motivated 2nd-year IT student with a passion for learning and development, bringing a strong foundation in computing, cybersecurity, and customer service. Currently pursuing a Bachelor of Information Technology, with practical exposure to IT support, system administration, and network troubleshooting through academic work. Strong track record of maintaining composure under pressure, delivering empathetic and effective goals in fast-paced environments. Committed to continuous improvements in information technology, ethical hacking, and IT infrastructure.

EDUCATION

Curtin University | Western Australia, Australia

Expected Feb 2027

Bachelor of Information Technology, Minor in Cyber Security | GPA: 3.6/4.0

- **Courses:** Cloud Computing, Computing Topics, Cyber Crime and Security Enhanced Programming, Data Communications and Network Management, Database Systems, Operating Systems, Penetration Testing and Defence, Unix Systems Programming

Curtin College | Western Australia, Australia

May 2024

Diploma of Information Technology | GPA: 3.3/4.0

- **Courses:** Computer Systems, Data Structures and Algorithms, Fundamental Concepts of Data Security, Fundamentals of Programming, Integrating Indigenous Science and STEM, Introduction to Software Engineering, Linear Algebra and Statistics, Unix and C Programming

TECHNICAL SKILLS

Languages and Tools: Java, Python, JavaScript, C, Kali Linux, CSS, HTML, PHP, MySQL, Git, Microsoft Office

Skills: Interpersonal Communication, Written Communication, Teamwork, Problem Solving, Critical Thinking, English, Vietnamese, French, Chinese Mandarin

Certifications: International English Language Testing System, Amazon Web Services, Cisco Certified Network Associate

RELEVANT EXPERIENCE

Technologies for Kids | Victoria Park, WA

Sep 2025 - Present

Teaching Assistant

- Taught students aged 5 to 18 in drone coding & creative flight, coding & robotics, and 2D game design programs.
- Combined hands-on activities, interactive lessons, and collaborative projects in STEM.
- Helped students develop critical thinking, creativity, problem-solving, coding, mechanical design, engineering principles, and teamwork skills.

MakeX Robotics Competition | Perth, WA

Jul 2025

Judge

- Volunteered judge for the 2025 International Robotics Competition MakeX held at Perth Government House Ballroom.

CoderDojo WA | Bentley, WA

Mar 2025 - Present

Mentor

- Volunteered mentoring for neurodivergent adolescents in Python coding and Lego Robotics.

PROJECTS

Microgrid Operations Hub | *EcoPulse Hackathon*

Sep 2025

- Partnered with a team of 5 and developed a fully functional Dashboard with a dynamic interface, real-time database retrieval, and AI machine learning for anomaly detection.

Security Programming | *Cyber Crime and Security Enhanced Programming Project*

Oct 2025

- Developed vulnerable code showcasing Cross Site Request Forgery and Buffer Overflow attacks, followed by secure, mitigated versions to counteract these attacks.

Virtual Environment Penetration Testing | *Personal Project*

Jul 2025

- Conducted vulnerability assessments and penetration testing in virtualized environments to simulate real-world cyber-attacks, identifying weaknesses and securing systems against intrusions.

Laser Tank | *Unix and C Programming Project*

May 2024

- Created a mini-game in C that allows the player to control the movement of the tank and shoot lasers. The laser will be reflected when it hits the mirrors. Generated a random map based on a 2D array and stored all outputs in a linked list into a log text file.

REFEREES

Available Upon Request