



# TAN JIA NING

## INTERNSHIP FOR GAME DESIGNER

Self-directed, result-oriented student; commitment to learning and skill development in Computer Science; aspiration for a position in the field with opportunities for knowledge application and continuous improvement; adaptability for independent or team settings; strength in leadership and guiding people.

### PERSONAL INFORMATION & CONTACT

**Phone** 011-55005497      **Age** 21 years old

**Email**  
jning8431@gmail.com

**Address**  
No.5, Jln Bukit Kaya 6,  
Taman Bukit Kaya,  
01000 Kangar, Perlis.

### AVAILABILITY

Immediately

### PROGRAMMING SKILLS

- C, C++ & C# language (Intermediate)
- HTML & CSS (Intermediate)
- Java (Intermediate)
- SQL Plus (Intermediate)
- Python (Intermediate)
- Flutter (Intermediate)

### PERSONAL SKILLS

- Positive attitude (Intermediate)
- Learning agility (Intermediate)

### LANGUAGE SKILLS

English (Intermediate)  
Chinese (Advanced)  
Malay (Intermediate)

### REFEREES

- Ms Tan Bee Sian
- Tunku Abdul Rahman University of Management and Technology, Kuala Lumpur
  - Position: TARUMT Lecturer
  - h.p.: 014-9381318
  - Email: tanbs@tarc.edu.my
- Mr Khoo Weng Lok
  - Position: Aspert Innovations Sdn. Bhd., Bangsar South's Internship Supervisor
  - h.p.: 016-3459367
  - Email: wenglok.khoo@aspert.com.my

### EDUCATION

#### BACHELOR OF COMPUTER SCIENCE (HONOURS) IN INTERACTIVE SOFTWARE TECHNOLOGY | JULY 2024 - JUNE 2026

Tunku Abdul Rahman University of Management and Technology (KL Branch)

- Study related:
  - Computer Game Programming
  - Data Structure and Algorithms
  - Graphic Programming
  - 2D and 3D Game Development
  - Virtual Reality
  - Mobile Application Development

#### DIPLOMA IN COMPUTER SCIENCE | JULY 2022 - JUNE 2024

Tunku Abdul Rahman University of Management and Technology (KL Branch)

- CGPA: 3.3042
- Study related:
  - Programming and Concept Design
  - Object-Oriented Programming
  - Web Design
  - GUI
  - Web Applications Programming

### STRENGTH

- Software proficiency: Unity, Microsoft Visual Studio, Visual Studio Code, Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Adobe Photoshop (version 2021), Canva Poster
- Willingness to work hard.
- Self-motivated, especially interested in learning skills in related fields.

### WORK HISTORY & EXPERIENCE

#### ASPERT INNOVATIONS SDN. BHD. | NOVEMBER 2023 - JANUARY 2024 Internship

-Participant in the project to enhance the company website (Backend):

- Gained hands-on experience in Python and SQL for backend development.
- Migrated Django serializer files into FastAPI controllers and API files, ensuring production-level compatibility and performance.
- Designed and implemented APIs, data handling processes, and backend system integrations.
- Collaborated with team members and contributed to a complex migration project under the mentorship of senior developers.

# Project

---

## Final Year Project (2025) :

### VR Eco-Friendly Home Simulator

- Developed an immersive virtual reality (VR) simulator showcasing sustainable, eco-friendly home designs and energy-efficient living solutions.
- Implemented interactive features to educate users on renewable energy, smart home systems, and environmentally responsible material choices.
- Built using Unity and VR frameworks, integrating optimized 3D models, intuitive UI/UX, and real-time environmental feedback.
- Conducted user testing and performance optimization to ensure smooth VR interaction and high engagement for educational use.
- Github Link: <https://github.com/JNing8431/FYP-VEcoSimulator.git>
- Demo: <https://youtu.be/irZUjjkPpNE>