

# Prem Varijakzhan

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## EDUCATION

**UOWKDU Glenmarie** **Shah Alam, Malaysia**  
*Bachelor Of Game Development (HONS) in Games Programming (CGPA: 3.03)* 2022

**UOWKDU Penang** **Penang, Malaysia**  
*Diploma In Games Technology, CGPA(2.95)* 2019.

## WORK EXPERIENCE

**Nimbus Games** **Selangor, Malaysia**  
*Intern* SEPT 2021 - MARCH 2022

- Developed a custom AI system for a horror escape room. The AI system consists of a linear path and circular path patrolling AI with a spline system to set up the path of the AI movements. The custom AI system with a spline system made it easier for the game designers to use and implement the AIs in the game.
- Compiled a documentation for the AI system to assist the game designers on the method of the system's implementation and the function it has. This method ensured to speed up the AI implementation in the game to 40% and the designers were able to refer to any FAQs and errors in the document.
- Developed a subtitle system for the game and implemented localised subtitles and localised the game via the localization dashboard of Unreal Engine.

**Penang Performing Art and Centre** **Penang PAC, Penang**  
*Front House and Usher* November 2018

- Coordinated and controlled the events and around 200 people for the Short+Sweet Festival, which was conducted at Penang PAC
- Maintained the events to go smooth and assisted with the stage performers and technical conductors with the necessary objective that was needed during the festival.

## LEADERSHIP EXPERIENCE

**DICE Collective at UOWKDU Glenmarie** **Shah Alam, Malaysia**  
*Technical Officer* 2021

- Organised and conducted events for the club to increase the student registration for the school.
- Administered gaming events with over 50 participants while assisting the broadcasting team with the event's live streaming.

### V-farm

*Second place at Startup Weekend '18* **Penang, Malaysia**  
*Best Business Idea '18 Competition* 2018

- Co-founded a tech farming company and was appointed as Chief Information Officer (CIO)
- Developed a game that works with the product and assisted the CTO with the development of an MVP.

**WCC, Penang** 2017

- Assisted and participated in the outreach programs conducted by the organisation.

**KDU Penang Computer Club** 2016

*Assistant Treasurer*

- Assisted the treasurer with the responsibilities of the club.

## CERTIFICATES

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**EC-Hacking (Certified Ethical Hacking v9)**

**JAN 2018**

*ID:426470*

**Java SE7 Fundamentals**

**JUNE 2017**

*ID:50397405*

**Microsoft Technology Associate  
(Networking Fundamentals)**

**MAY 2017**

*ID: 90035451*

## SKILLS & INTERESTS

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**Skills:** Unreal, Unity, C#, C++, Git, Game Narrative, Game World Creation, Networking

**Languages:** English, Bahasa Melayu, Tamil, Malayalam

**Interests:** Artificial Intelligence, Web 3.0, Crypto, Writing, Game Development, Adventure Sports