



Goh Mei Kei

| VR JUNIOR DEVELOPER, 3D ARTIST, COMPUTER SCIENCE GRADUATE

Personal Summary

I possess vast knowledge in the field of Computer Science, specifically in software engineering, cloud computing, mobile app development, and game development. I'm on a constant journey of self-improvement, and I am eager to join the IT workforce, applying my knowledge and skills to real-world challenges.

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📍 Pahang, Malaysia

EDUCATION EXPERIENCE

Bachelor Degree in Computer Science with Honours, University Malaysia Pahang Al-Sultan Abdullah

Sept 2019 - August 2023

- Graduated with **First Class Honours**, Cumulative GPA of **3.79**
- Dean's Lister for all semesters

Sijil Tinggi Persekolahan Malaysia, SMK Mentakab

May 2017 - Dec 2018

Science stream with all subjects passed.

WORK EXPERIENCE

Part-Time VR Junior Developer, University Malaysia Pahang

March 2023 - August 2023

- Build 3D environments using Maya Autodesk aligned with project goals. Ensure environments enhance the VR user experience.
- Create 3D characters and implement interactive character movement in Unity 3D using C# language.
- Developed a VR experience that allowed users to explore a virtual world in an immersive environment.

3D Artist, Spooky Pie Studio, Kuala Lumpur

March 2023 - August 2023

- Build low-poly 3D models as game assets in anime styles using Maya Autodesk 2019
- Unwrap and arrange UV maps, ensuring optimal texture placement and minimizing texture distortion.
- Textures the 3D models by applying base colours, adding shading, lighting, and ambient occlusion to enhance the visual impact of the models using Adobe Photoshop.

Part Time Accounting Clerk, Au Wah Workshop

January 2021 - July 2023

- Reconciled all company accounts, including credit cards, employee expenses and commissions.
- Compiled budget figures by reviewing past budgets, evaluating estimated income and assessing expenses.

Sales Executive, Timberland Genting Highlands Premium Outlet, Pahang

April 2019 - August 2019

- Managed entire sales cycle across customer accounts, proposing and closing sales to achieve total revenue growth, profit and customer satisfaction plans.

SKILLS

Technical Skills

Front-end: HTML, CSS

Back-end: Java, JavaScript, C#, C++, C, PHP, OOP

Database: SQL, MySQL, Firebase, ERP, EERP

Tools: Git, GitHub, VSCode, Unity, Adobe XD, Adobe Photoshop, Adobe Premiere Pro, Substance Painter, Android Studio

Soft Skills

Adaptability, Time management, Fast learner, Continuous learning, Ability to work under pressure

PROJECTS HIGHLIGHT

Environmental Sustainability 3D FPS PC Game Application (Green Genie)

Personal Project - C#, Unity 3D, AI Path-finding, Visual Studio 2022

Awards: **Top Undergraduate Project at FYPro-Com Exhibition, Bronze Metal Undergraduate Project and Silver Award in CITREX (Creation, Innovation, Technology & Research) 2023**

- Designed and implemented a **scoring system** to track player progress, developed an **inventory system** for players to manage items and resources effectively, enhancing the game's strategic elements.
- Create the **shooting mechanics** and developed a bullet management system to optimize resource usage.
- Implemented **AI pathfinding algorithms** to challenge players with intelligent and dynamic enemy behavior to chase the player, adding depth to gameplay.
- Designed and integrated a **health bar system** to provide real-time feedback on the player's status, and crafted a visually appealing game UI using Photoshop, providing players with an intuitive and polished interface.

Trip Plannar Mobile Application

Programming and tools - Java, Git, Android Studio, Firebase

Awards: **Awarded 6th place prize in the Hackathon Huawei Mobile App competition. (200 participants)**

- In charge in adding restaurant and alert module to the app, ensuring users could easily discover and manage dining options during their trips. Implemented features for **adding, editing, updating, and deleting** restaurant details.
- Designed and integrated an intuitive user interface, allowing travelers to effortlessly create and customize their travel plans. This included features for adding plans, editing dates, and specifying restaurant details.
- Create an engaging **shake sensor** feature, adding an element of excitement to the app. Users could shake their phones on the lucky draw page for a chance to win exclusive trip vouchers, enhancing user engagement and loyalty.

Parcel Management System

Programming and tools - Html, Css, PHP, JavaScript, Bootstrap, XXAMP, ERP Chart

- In charged in Parcel Administration module. Devised an **ERP flowchart** to provide a visual representation of the entire parcel management system's workflow, enhancing transparency and clarity in system operation.
- Seamlessly integrated **Bootstrap** to enhance the system's user interface, ensuring a responsive and visually appealing experience for users.
- Leveraged **JavaScript** to implement efficient and user-friendly login and registration processes, enhancing the accessibility and usability of the system.
- Innovatively designed and implemented features allowing users to effortlessly **add, edit, update, and delete data**, providing full control over parcel management tasks.

REFEREES

DR. DANAKORN NINCAREAN A/L EH PHON

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ADDITIONAL INFO

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❖ [Certs Link](#)

❖ [Portfolio](#)