VARIT TRIPICHAPHAN

Game Developer | Unity

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SUMMARY

I am a people who is passionate about game development and writing quality code. Currently, I am focusing on developing Clean Code skills to ensure that the code in games I develop with my team is organized, clear, and easy to understand.

SKILLS

Unity, C#, Object-Oriented Programming, Python Beginner, Html Beginner, CSS Beginner, Java Script Beginner

EXPERIENCE

2025
Bangkok, Thailand

Internship
Progaming

- **Cocos:** Developed educational learning games, designed/implemented interactive quiz modules, created intuitive UI for enhanced learning. **Unity:** Developed technology creation/upgrade systems,
- implemented/expanded flocking for character movement, built quiz game with timer system, optimized code/performance.

2024
Bangkok, Thailand

Green night (Thesis)
Unity Developer

- **Building Manager**: Supports construction of small, medium, and large buildings, each with unique resource and time requirements, optimizing resource usage and time management. **In-game Day and Time**
- **Counting**: Integrates with construction, setting variable build times, and facilitating resource management and trading.

2024
Bangkok, Thailand

My Ammo Project
Unity Developer

- **CO OP Manager** Built with NetCode, includes a lobby system for multiplayer, with player readiness and host control over game start.
- **Spawner Manager** Implements random Enemy and Item Spawner systems for co-op, enhancing challenge and gameplay diversity.

2023
Bangkok, Thailand

Silient Face
Unity Developer

- **AI State Machine** Developed with NavMeshPlus for pathfinding, featuring five states Hunting, Listening, Retreat, Searching, SearchingSound) to create realistic and challenging enemy behavior.
- **Inventory Manager** Provides organized item management with slots for immediate-use items, flashlights, and bags, ensuring smooth gameplay.
- **Save Manager** Enables data saving and loading via Json, allowing players to resume game progress.

EDUCATION

2021 Present
126 Pracha Uthit Rd., Bang Mod, Thung Khru, Bangkok 10150

2018 2020
35 Soi Ekamai 43, Bang Khun Thian Subdistrict, Chom Thong District, Bangkok 10150

King Mongkut's University of Technology Thonburi
Media Technology
GPA **3.50** / **4.0**

Mathayomwatsing
Gifted Education Program

PROJECTS

Project Silent faced
A 2D survival horror game.The game offers a tense survival experience where every challenge presents multiple solutions.

Project My Ammo
A 2D Tower defense.The game's co-op experience is designed to challenge players to collaborate effectively, making strategic decisions to navigate through chaotic situations.

Project Green-Night
A 2D tower defense survival game in which the player must manage resources and prepare for upcoming challenges. Players will need to make critical decisions, such as securing supplies and engaging in trade, to ensure their survival.

Certificate

AI Fundamentals and Applications (Beginner) | KBTG Kampus

Predictive AI (Beginner) | KBTG Kampus