



JAMIE KONG

Singapore

Email thesupercomet@gmail.com

LinkedIn sg.linkedin.com/in/jamie-kong-977441159

Website jamiekong.dev

EDUCATION

2020-2024

DigiPen Institute of Technology Singapore

Bachelor's degree of Computer Science

Real-time Interactive Simulation

2014-2018

Singapore Polytechnic

Diploma in Game Design
and Development

ACHIEVEMENTS

2017 - 1st Place, Singapore Polytechnic Design
School Inter-School Design Competition

SKILLS

- Proficient
 - C/C++/C#
 - GLSL / HLSL
 - OpenGL / Vulkan
 - Unreal Engine Source
 - RenderDoc / Nsight Graphics
 - Team leadership
 - Spatial partitioning
- Have experience.
 - Unity
 - Embedded firmware
 - Networking
 - Computer components
 - Nvidia Ray-tracing
 - Android Studio

ABOUT ME

Jamie is a multi-disciplined Graphics and Engine developer looking for exciting opportunities to bridge the gaps between technology and developers. He is Comfortable working in all aspects of game development and has a passion for creating tools that improve work and development efficiency.

CROSS-DISCIPLINE TEAM PROJECTS

Minute (2023)

A narrative-based hack and slash. Released on Steam.

Technical Contributions:

- Vulkan API Graphics
 - Physically based rendering (PBR)
 - Skinned Mesh Rendering
 - Dynamic lights and shadows
 - Bindless Design
 - Multi-threaded command recording
- Particle Simulation
- Font System

Aesir (2022)

A top-down tower defense game with modular towers.

Technical Contributions:

- Modern OpenGL 4.6 Graphics
- Resource Management
- Particle Simulation
- Font system

WORK EXPERIENCE

Tencent, Lightspeed Studios

Full-time Intern (Aug 2023) – 8 months

- Water technology research.
- Implemented modern graphics techniques.
- Profiled and optimized render passes in Unreal Engine.

Refract Technologies

Part-time Consultant (Oct 2022) – 2 months

- Developed system for OTA updates to multiple devices.
- Contributed to low-level firmware development as part of a small team of senior developers.
- Played a key role in shipping firmware for the AXIS project.

Part-time Intern (Sep 2022) – 1 month

- Assisted with firmware migration.

Singapore Police Force

Human Resources (2018-2020) – 1 year 8 months

- Automated time-consuming tasks, streamlining multi-day projects into mere hours..
- Devised and executed solutions for large-scale event management seamlessly.
- Advocated for technology-driven solutions to enhance office efficiency significantly.