

KOH GUAN ZEH

Nationality: Singapore Citizen
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EDUCATION

National University of Singapore Bachelor of Computing (Honours) in Computer Science AUG 2022 - PRESENT	Singapore Polytechnic Diploma in Games Design and Development (with Merit) APR 2017 - MAR 2020
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SKILLS

Programming Languages: Python, Javascript, Java, C#, C, Go	Engines, Frameworks & Libraries: Unity, React, Electron, Pandas, PixiJS
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EXPERIENCE

Phillip Nova, Singapore – Software Development Intern

6 MAY 2024 - 2 AUG 2023

- Worked directly with Phillip Nova's risk management team and built an options risk management program for the company to expand further into the options market using Python and Pandas.
- Wrote a training guide for non-technical users to familiarise and navigate through the program.
- Enhanced and fixed hidden bugs in existing stress test programs.

Razer, Singapore – Web Application Development Intern

15 MAY 2023 - 4 AUG 2023

- Worked in a team of 5 to develop a device simulation project through a test driven development approach.
- Increased the number of supported types of devices from 7 to 15 and commands from 350 to 859.

Razer, Singapore – Game Development

29 NOV 2022 - 6 JAN 2023

- Developed Plastic Hunt, a mini game for the company's collaboration with Panerai using PixiJS.
- Integrated a leaderboard system for the pop-up event to reward top scorers through Redis and a simple Flask server with Python.

PROJECTS

N30 – Final Year Project

24 JUN 2019 - 23 FEB 2020

- Led a 6-man team as a producer to develop a 3D first-person puzzle game within 9 months.
- Programmed core mechanics of the game including player controls and interactables' functionality.
- Designed and integrated UI and GUI animations.

ACHIEVEMENTS

IMDA Gold Medal (Course Medal) Digipen Prize (Merit Award)	2020
Edusave Certificate of Academic Achievement 2020	2020
Edusave Merit Bursary 2020	2020
Edusave Skills Award 2020	2020
Director's Honour Roll (Year3)	2020
Edusave Certificate of Academic Achievement 2019	2019
Edusave Merit Bursary 2019	2019
Director's Honour Roll (Year 2)	2019
Edusave Certificate of Academic Achievement 2018	2018
Edusave Merit Bursary 2018	2018
Director's Honour Roll (Year 1)	2018
Symantec Best of Design Award	2018