Zack, Cheung Yuet Tse

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Education

Centennial College, Toronto, Canada   Sept 2022 — May 2024
Game Programming (Advanced Diploma), GPA 4.38/4.5
- A+ in Intro to Game & Simulation, C++ for Game Development and Special Topics - Gaming
- C#, C++, Unity Engine, Unreal Engine, Blender, GIMP, ML-agent

The Chinese University of Hong Kong (CUHK), Hong Kong   Sep 2013 — July 2017
Bachelor of Science in Computer Science (Degree)

Work Experience

Student Researcher, **WIMTACH Centennial College**, Toronto, Canada   May 2023 — Sept 2023
- Contributed to a R&D project aimed at enhancing an existing 3D game into a VR game for medical simulation, focusing on animated vehicles navigating through human organs
- Utilized Unreal Engine 5.2 for game development, improving visual fidelity and performance
- Enhanced Blender 3.6 models by creating and integrating new collision meshes
- Designed and implemented vehicle movement mechanics using Blueprint scripting
- Connected VR devices including Oculus and HTC devices to Unreal Engine

Developer, **Smart Drop**, Hong Kong   Jan 2018 — July 2022
- Developed a comprehensive Content Management System for a global shared office
- Designed and implemented a booking & order system to streamline the business process
- Designed highly available application with cloud-native infrastructure using AWS Lambda & S3
- Utilized React.js, Vue.js, and Angular.js for frontend application development
- Lead the Android mobile app development enhancing mobile accessibility and user experience
- Designed the database schema from scratch, ensuring optimal data organization and retrieval
- Collaborated with external parties to integrate third-party APIs into the application, expanding functionalities and improving service offerings
- Utilized WordPress to enable customers to self-service minor changes to the website, empowering users and reducing dependency on developers for routine updates

Skills

- JavaScript – 6 years
- HTML & CSS – 6 years
- NodeJS – 5 years
- ReactJS – 4 years
- VueJS – 3 years
- AngularJS – 3 years
- PHP – 3 years
- SQL – 3 years
- AWS Service – 3 years
- Java – 3 years
- GraphQL – 2 years
- Kotlin – 2 years
- Unity – 3 years
- C# – 3 years
- Unreal – 2 years
- C++ – 2 years