Tran Duong Dac Loc

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Summary

I am very passionate about technology. Be able to learn new information quickly with strong research skills. Always aiming to optimize code efficiency

Work Experience

Creo Company - Remote   June 2023 - present

Fresher Game Developer - Unreal Engine

– Developing new feature: highlighting hovering objects; grabbing objects and moving; snap object to object when grabbing, touch screen; updating current features to be compatible with new touch screen function,...

– Optimizing product: FPS increase from 2x to 6x by decreasing loading resource (from 14GB Ram to lower 5GB Ram) by using Nanite, Frame Generate (DLSS, AMD FSR,...),...

– Create Python script to automate and optimize workflow

– Convert layout from another format (3D max, sketchup,...): convert map and resource (material, mesh,...) to be compatible with product in Unreal Engine

Projects

Facebook Web Clone - FE & BE   Link to Demo: https://sgu-social.vercel.app/

– Front-end feature: Login; Register; Login session; Create a post with text and image; React to the post with like, heart, haha...; Comment to the post

– Back-end feature: Rest API for front-end feature, JWT for authentication and authorization, Prisma for database ORM

– Techstack: NextJS (FE); NestJS, PostgreSQL (BE)

Shoping Android Application   Github: https://github.com/daklod2k3/android-advanced

– Feature: Login, Register; Search product; Show product detail; Add product to cart; Show cart; Sync cart with account; Checkout Cart; Checkout History

– Managing asynchronous tasks for interacting with the user interface and the API

– Techstack: Android Java, Retrofit2

Web Tool For Game   Link to demo: https://wuwu-tool.vercel.app/

– Tool used for summary roll record in Wuthering Wave game

– Have more than 60 users using

– Techstack: NextJS

Bingo Game - Python Open Source   Github: https://github.com/daklod2k3/bingo-ossd

– Mini bingo game for subject assignment about Open Source Project

– Using socket for hosting room and everyone in LAN can join

– Techstack: pygame, socket in Python

Education

2021 - present   Bachelor of Engineering in Information Technology at **Sai Gon University**

Skills

Web Front-End	React, NextJS, TailwindCSS, TypeScript
Web Back-End	NestJS, Microsoft Azure (Database, Virtual Machine,...), PostgreSQL, mySQL, Laravel PHP
Game Development	Unreal Engine, Unity
Android	Java
IOT	Arduino, Proteus
Computer	Hackintosh, Building Computer, Set up OS

Awards

Bronze Medal in the city-level Informatics competition in 14 years old