

SZUN KIDD, CHOI

Software Developer & Game Designer

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🌐 linkedin.com/in/szunkidd

🌐 linktr.ee/SKProjects

OBJECTIVE

Detail-oriented developer seeking a Summer 2021 co-op role to expand game design/development skills.

LANGUAGES

- C#
- C++
- C
- Python 3
- HTML5/CSS3
- JavaScript
- XAML

COMPUTING TECHNOLOGIES

- Unity
- Unreal 4
- MonoGame
- Maya
- ASP.NET MVC
- MS SharePoint CSOM
- MS Power Automate
- Xamarin
- Bootstrap
- jQuery
- Vue.js
- AWS
- Katalon Studio
- TestProject
- FaunaDB

EDUCATION

BS in Game Design and Development minoring in Mathematics and Computer Science

Rochester Institute of Technology, Rochester NY

Aug 2019 – Present

- 3rd year (4.00 CGPA)
- May 2023 graduation

American Degree Transfer Program (Applied Science)

INTI International College Subang, Malaysia

Jan 2018 – May 2019

- Program whose courses resemble those in US colleges, for international transfer
- 3.96 CGPA

PROJECTS

Visit linktr.ee/SKProjects for links to the GitHub repositories of all projects listed, and more.

Wall Dodger (MonoGame, C#; assets via MS Paint)

May – Jul 2020

- Personal solo summer project: a top-down endless runner in a world of quadrilaterals
- Conceptualised, planned, and explored implementation of desired core mechanics
- Researched and wrote a procedural generation algorithm for unique terrain creation

Schwartz's Sneaky Snail-Mail Scandal (MonoGame, C#; assets via Piskel)

Jan – Jul 2020

- Course work cum group summer project: a top-down mini-mystery adventure game
- Conjured base storyline, developed core mechanics, and coded basic physics model
- Coordinated discussions, managed project scope, and contributed to documentation
- Established procedures for long-distance collaboration as part of remote learning

Type Righter (Unity, C#; assets via pixilart.com)

Nov 2019

- 24-hour game jam group project: a side-view puzzle platformer
- Created player and goal sprites, as well as background artwork for 2 levels
- Acquired communication skills necessary for rapid prototyping and development

WORK EXPERIENCE

Teaching Assistant – Rochester, New York

Jan 2021 – Present

Game Development/Programming Intro Course - RIT School of Interactive Games and Media

- Support professor's lecture delivery up to 6 hours weekly in synchronous online classes
- Hold biweekly office hours to clarify students' conceptual doubts and help debug code
- Advise project teams on task management, reviewing progress and presentations
- Grade homework and quizzes, and test team project implementations by sprint
- Gain collaborative skills relevant to software development and project management
- Learn to understand, assess, and give feedback on, others' code in a timely manner

Web Developer – Kuala Lumpur, Malaysia

Sep 2020 – Present

Malaysian Youth Delegation

- Program the backend of user login and registration pages for a survey website
- Initially created serverless JavaScript functions for authentication using Vue.js, with FaunaDB for user credential management, and Netlify for deployment hosting
- Replaced existing Vue/Fauna authentication architecture with AWS Cognito User Pools

Technical Intern – Kuala Lumpur, Malaysia

Aug – Dec 2020

AGTIV Consulting

- Built from scratch a plain website with OAuth authentication capable of consuming Zoho Desk's API to perform basic CRM tasks for clients
- Developed an application for a client that extracted folders from their SharePoint document control system using the SharePoint Client-Side Object Model
- Enhanced UI of company's SharePoint project dashboard by tweaking front-end code
- Pioneered efforts to implement automated testing across various company products using TestProject and Katalon Studio
- Automated SharePoint project dashboard workflows using Microsoft Power Automate
- Generated performance reports from SharePoint lists for management using Power BI

EXTRACURRICULARS

Assistant Editor – Circle K International

Jan 2020 – Present

Rochester Institute of Technology, New York

- Support the Editor in publicising club activities and running social media accounts
- Volunteer at local, state, and national organisations in and around the Rochester area