Seojun Chung

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Education

Dec. 2024

B.S. in Computer Science
University of Utah, Salt Lake City, UT

Related Coursework

Data Structures and Algorithms	Computer Organization	Virtual Reality
Software Practice I & II	Object-Oriented Programming	Programming Languages
Discrete Structures	Engineering Prob & Stats	Research / Industry Forum

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Portfolio

seojunchung.com
- Built a portfolio website from scratch using React.js with a user interactive mini game to route through my contacts, experiences, and projects.

Skills

C#, C/C++, Java, JavaScript, TypeScript, Python, ReactJS, SQL, MySQL, HTML/CSS, Tailwind CSS, Git/GitHub, Tableau, Tableau Prep, Docker, Qt Creator

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Projects

Pixel Drawer - C++, Qt Creator   **Nov 2023**
- Created a UML and Software Requirements Specifications documents to ensure a well-structured and user-centric experience
- Demonstrated proficiency in MVC architecture within application
- Enriched user-experience with inclusion of diverse features such as a FPS scalar, multiple layers, onion skin, shapes, color palette, save/load, and more.

Virtual Reality Game - FireStrike - Unity, C#,   **Dec 2023**
- A grid and turn based strategic board game that allows users to fight with enemies in different perspectives.
- Implemented AI to the enemy game logic to determine attack moves.
- Developed to be playable with on-the-market hardware such as the Oculus

Depth of Perception - Unity, C#   **Oct 2023**
- Implemented calculations of player position and rotation relative to an object to reset the scales of other nearby objects to create a depth of perception
- Employed visual cues and dynamic sphere manipulation to simulate depth, effectively engaging users' perception of spatial relationships

Experience

Software QC Inspector   **Dec 2022 - Aug 2023**
DPQUE   Orem, UT

- DPQUE.com - Cloud-based Digital Signage Software
- Collaborate with product development and engineering teams to understand the features and architecture of web-based applications
- Utilize coding knowledge to provide new perspectives on proposals
- Identify and analyze defects in web-based applications to carry out testing with 100% efficiency