Jung Ho Kwon

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https://github.com/RotatingCloud

Education

California State University Northridge
Bachelor of Science, Computer Science (Aug 2019 - May 2024)
- GPA 3.34
- Relevant Coursework: Advanced Data Structures, Operating Systems, Algorithm Design, Concepts in Programming Languages, Software Engineering

Technical Skills

Programming: Java, C/C++, HTML, CSS, JavaScript, Python, SQL, Racket, Prolog
Tools: Git, PostgreSQL, Jira, Unreal, Wwise, FL Studio, VS Code, Adobe Creative Suite, Sony Vegas Pro

Experience

Server Management and Game Development
Public Minecraft Server Developer and Administrator - (Jun 2017 - Aug 2019)
- Worked as a part of a team of developers that created custom items and plugins in Java for a public server that hosted 400 players at its peak.
- Used a Gradle plugin called Fabric Loom to develop utilities that assisted in administration
  - Report plugin that was created to streamline reporting suspicious behavior by creating an in-game command that sent player reports to a PostgreSQL database.

In-Development Roblox Game
Audio Designer - (Jun 2022 - Mar 2023)
- Created sounds by recording foley using a field microphone and processing them in a DAW (Digital Audio Workstation) for a in-development Roblox video game
- Worked with a team to curate and produce music that was tailored to the aesthetics of the story.

Projects

COMP 380\L - Airline Booking Software
- Led a team of four peers to develop software in Java, which used a PostgreSQL database hosted on Heroku that recorded login information, as well as booking and flight details.
- Used pgAdmin to monitor and manipulate the database and also developed a UI using Java Swing that implemented separate features for both users and administrators.

myWebsite - Online Portfolio in HTML/CSS/JS
- Created a personal online portfolio to showcase my personal projects ranging from front end to back end development.
- Hosted on Github Pages, uses Three.js and Vox Loader to load a custom 3D model to the home screen

basicAuth - Basic User Authentication System (BUAS)
- Used Django and PostgreSQL to create a basic user authentication system in Python, with user registration, account detail manipulation, and registration confirmation emails.
- Hosted on Heroku, the database also stores primary and secondary color preferences that are customizable.