Krischan Jung

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github.com/breadburner13

EDUCATION

University of California, Berkeley   Expected Graduation: 2023
B.A. in Computer Science

EXPERIENCE

Game Development @ Berkeley - Software Engineering Intern   Aug 2020 - Present
- Developed a wave based shooter simulation game using **C#** and the Unity game engine.
- Consistently satisfied weekly team deadlines to implement features such as checkpoint systems, physics-based drifting, and enemy AI using the A* pathfinding algorithm.
- Led a subunit of the team to integrate a project-wide system for resource collection.

UC Berkeley EECS Department - Lab Assistant   June 2021 - Dec 2021
- Gave one-on-one assistance to students by answering questions, explaining lecture material, and debugging in **Java** during lab sections.
- Prepared and presented mini-lectures to reinforce important concepts such as sorting algorithms, graph traversals, and hashing.

Computer Science Mentors @ Berkeley - Junior Mentor   Aug 2021 - Dec 2021
- Led weekly mentoring sections for students in UC Berkeley's Data Structures course.
- Prepared lesson plans and worksheets on fundamental computer science topics.

Hakata Ikkousha - Host   Apr 2019 - Mar 2020
- Managed floor and provided excellent customer service for upwards of 500 guests.
- Ensured the resolution of complaints from guests by relaying information to kitchen staff to ascertain quality assurance.

PROJECTS

Golden Kiwi Bot - An Infrared Sensing Autonomous Vehicle
- Won 1st place at the UC Berkeley TI Design Contest by breadboarding and programming a robot car to detect and follow infrared signals from a remote location.
- Used **C/C++** to control turns, driving times, and searching capabilities.

QuickSave - A Discord Image Archiving Bot
- Used **Node.js** and **Discord.js** to build a Discord bot that saves sent images into specified local directories.
- Programmed the bot to take in user input via Discord text message to determine where and how to save images.

SKILLS

Python, C, C++, C#, Java, Javascript, HTML, CSS, Node,js, Git

LEADERSHIP EXPERIENCE

Outlet - Copresident   Jan 2021 - Present
- Managed a team to host weekly art workshops serving UC Berkeley's art community.
- Grew the club in membership by over 100 new members since appointed.