Software Developer

RALPH KIM

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Deeplocal Inc.

To whom it may concern,

I found the position for software engineer by recommendation of Professor Suzie Silver at Carnegie Mellon. I am confident in my skillset to meet the responsibilities of the position, and I believe my arts background would make a great culture fit for the company.

Below are relevant experiences I have had as a developer:

Direct Software on Projects: For StatueVision, I provided code for custom interaction between the Leap Motion and custom shaders in Unity. I coordinated with another artist to implement the assets that she provided. I took charge of user tests for the experience and polished it until its showing at ACM Creativity and Cognition conference.

Integrate with Hardware: I have experience opening communication between multiple hardware -- usually through Open Sound Control. As one example, I implemented a video stream (through Syphon) of a face-swap session in Open Frameworks on one machine into a Unity session on another machine.

Learn New Software: For almost every project, I have had to learn new software, and have become adept at it. For StatueVision, I learned to use the Leap SDK. For a crowd-sourced madlibs game TwitchLibs, I learned how to communicate through Twitch IRC. I create UnitySphinx by adapting the PocketSphinx speech recognition library. Currently, I am familiarizing myself with the Google Tango to create a demo app.

Develop Schedules and Project Plans: I have worked as a freelancer on projects under contract with fast turnaround times. This has predisposed me to planning tight schedules and following deadlines for deliverables.

Understand Integration: Having performed the duties of a technical artist, visual artist, and programmer across a variety of projects, I am capable of understanding the language and concerns of both the artists and engineers.

Lastly, I am particularly strong at working with a team on creative projects. I always foster a positive environment by covering for my teammates when needed, and \_\_\_ the merits of a teammate’s suggestion or concern without ever dismissing them outright.

My portfolio can be found on my website linked at the top. I hope you will find me a qualified candidate. Thank you very much for your time.

Sincerely,



Ralph (Junghyun) Kim