Software Developer

RALPH KIM

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October 14, 2016

Deeplocal Inc.

2124 Penn Ave

Pittsburgh PA 15222

Dear Hiring Professional,

Professor Suzie Silver at Carnegie Mellon recommended that I apply to this position. I am confident in my skillset to meet the responsibilities of the position, and I believe that my combination of arts and technical background would make a great culture fit for the company.

Below are relevant experiences I have had as an engineer:

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 the ACM Creativity and Cognition conference in Glasgow.

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 learned new software, and have become adept at doing so. 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 created UnitySphinx by adapting the PocketSphinx speech recognition library.

Develop Schedules and Project Plans: I have worked as a freelancer on projects under contract with fast turnaround times. This has required me to plan tight schedules and follow 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.

Please feel free to contact me at ralph.kim93@gmail.com or 678-372-3227. I look forward to talking with you about how I can bring my combined skillset of software engineering and technical artistry to Deeplocal. My portfolio can be found on my website at http://www.ralphkim.com. Thank you very much for your time.

Sincerely,



Ralph (Junghyun) Kim