Renye (Mark) Jin

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https://github.com/markjin123

SKILLS

- Proficient: Java, Python, Swift, Photoshop, AutoCAD, Bash, HTML5/CSS, Objective C, PHP, and ActionScript
- Fluent in Mandarin and English

PROJECTS

Quantum Positioning   Sept 2015 – Jan 2016

- Supported a design team in the design and implementation of a technique that allows autonomous robots to communicate and process information at an instantaneous rate.

Relationship Development   Dec 2015 – Present

- An IPhone app designed to allow any two stranglers to develop a close bond through a series of 36 questions implemented with Swift 2.0.
- Designed and implemented the back-end framework and contributed to the UI design.

ERB Expander   Jan 2015 – Present

- Designed a machine to control the expansion of Einstein-Rosen bridges using the mathematical model predicted by Albert Einstein and Karl Schwarzchild.

Particle Accelerator   Nov 2015 – Dec 2015

- Designed and build a machine to accelerator a single electron up to 2/3 the speed of light through the use of linear and pulsing circler magnetic fields.
- Constructed by hand using household material.

In the Dark   Dec 2014 – Jan 2015

- A single player top down survival game written in Python.
- Designed and implicated the core mechanics, physics and the state saving mechanic by serializing and desterilizing object structures.

Antimatter Trapper   Aug 2013 – Present

- Designed a device that will trap antielectrons through controlling the antielectron neutrino and electron neutrino field.

Dirttrack Racing   Jan 2013 – Feb 2013

- A single player racing game featuring various track design designed with Adobe Flash.
- Published to Kongregate with a game breaking bug, but was quickly resolved within 24 hours.

Quantum Computer   Sept 2015 – Present

- Designed a quantum chip with semiconductor fabrication techniques without the incorporation of six wave-guides for optic transformations and integrated interferometers.

Quantum Entanglement Device   Nov 2015 – Present

- Designed a device that can entangle a set of electrons through the merging of linear pathways.

EDUCATION

University of Waterloo   Waterloo, ON

Candidate for Bachelor of Mathematics   Sep 2015 – Present

INTERESTS

Tennis

- Participated in many open and closed tournament with numerous placing in 1st-3rd

- Created and regulated my own daily training regiment.

Speed Skating

- Dedicated myself to a 20 hours weekly training regiment for 2 weeks.

- Participated in many speed skating regional events.

VOLUNTEERING

Mississauga Marathon   Jan 2012 – Present

- Self regulated a rehydration station handing out energy drinks to over 1000 runners

Library Shelver   Jan 2014 – June 2014

- Self taught the library classification system.

- Regulated myself in completed daily tasks that was communicate to me through a written note.