Derek W. Gonyeo

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OBJECTIVE

Seeking a Summer 2013 co-op that will provide me with both interesting programming challenges and work experience.

EDUCATION

Rochester Institute of Technology - Rochester, NY   September 2012 - Present
- B.S. Game Design and Development   GPA: 3.15/4.0

Fairport High School - Fairport, NY   September 2009 - June 2012
- Advanced Regents Diploma   GPA: 3.7/4.0

EXPERIENCE

Interactive Games and Media at RIT - Rochester, NY   September 2012 - Present
Lab Assistant   http://igm.rit.edu/
Supervisor of the computer labs, my responsibilities include loaning out equipment and assisting students with assignments if possible.

A2Z Family Storage - Fairport, NY   September 2008 - September 2012
My responsibilities included processing outgoing mail, organizing files, cleaning storage units, and general lawnkeeper.

PROGRAMMING LANGUAGES

Fluent Languages C#, Java
Familiar Languages C, Javascript, Bash

EXTRACURRICULAR CLUBS & ACTIVITIES

Boy Scout Troop 325 - Assistant Scoutmaster	September 2005 - Present
Eagle Flight - Junior Assistant Scoutmaster	June 2008 - June 2011
Venture Crew 325 - President	June 2011 - June 2012
Venture Crew 325 - Vice President	June 2011 - June 2012
US FIRST Robotics Team 578 - Electronics Subteam	September 2011 - June 2012
Computer Science House - Member	September 2012 - Present

HONORS & AWARDS

Eagle Scout with Three Palms	June 2011
Third Degree Black Belt in Taekwondo	February 2011

PROJECTS

Android Application: CSH News   http://github.com/dgonyeo/AndroidWebnews
In collaboration with Joseph Batchik I created an Android application using APIs built on top of NNTP by another member of the Computer Science House. The application provides a hugely improved experience over using WebNews in the browser on an Android phone.

XNA Game: FPSCubes   http://gamejam.csh.rit.edu/jams/2012/summer.php
In August of 2012 the Computer Science House held a Gamejam. With some help from Mike Eaton, I created a first person shooter in XNA that used a third party physics engine. My game was declared the winner.

ODD   http://github.com/dgonyeo/odd
I am currently creating a one dimensional display: a row of RGB LEDs that are individually controllable by a computer. This is achieved by using a program written in C on a computer to communicate over USB with an Arduino which uses LED Drivers to control the LEDs.