

# Derek W. Gonyeo

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CONTACT	01506 Nathaniel Rochester Hall Rochester, NY 14623	(585) 678-1194 dgonyeo@csh.rit.edu
OBJECTIVE	Seeking a Summer/Fall 2014 co-op that will provide me with both interesting programming challenges and work experience.	
EDUCATION	<b>Rochester Institute of Technology</b> - Rochester, NY B.S. Computer Science - Expected Graduation May 2017	September 2012 - Present GPA: 3.2/4.0
EXPERIENCE	<b>Stormfrog</b> - Victor, NY Mobile Developer Worked on a game written in Objective C using the Cocos2d framework for the iPhone. Implemented visual effects in the game including rain and particle effects, some animations related to the main character, and the majority of the in-game store.	May 2013 - August 2013 <a href="http://stormfrog.com">http://stormfrog.com</a>
	<b>Interactive Games and Media at RIT</b> - Rochester, NY Lab Assistant Supervisor of the computer labs, loaned out equipment, and assisted students with programming assignments.	September 2012 - May 2013 <a href="http://igm.rit.edu">http://igm.rit.edu</a>
SKILLS	<b>Proficient Languages</b> C#, Java, Python <b>Familiar Languages</b> C, Javascript, Ruby, Bash	
PROJECTS	<b>ODD - One Dimensional Display</b> Designed and built a display of RGB LEDs controllable from a website. The single row of LEDs can light a room, display animations, and analyze incoming audio streams to display a music light show. I gained familiarity with C, the pthreads library, and PCB design. <b>Brandreth Statistics</b> Created a website for accessing 20 years of entries from guest books at a friend's cabin. Allowed users to search for and read all the entries, and used the Google Charts API to show information about who has visited the cabin and why. I gained familiarity with Python and the Flask framework. <b>CSH News</b> Created an Android application with my roommate that allows users to easily read posts from and write posts to the Computer Science House's internal news service. Allowed many of the Computer Science House's members to be easily aware of current events and discussions. Utilized an existing API built on top of NNTP. I gained familiarity with the Android SDK.	<a href="http://github.com/dgonyeo/odd">http://github.com/dgonyeo/odd</a> <a href="http://github.com/dgonyeo/brandrethstats">http://github.com/dgonyeo/brandrethstats</a> <a href="http://github.com/dgonyeo/AndroidWebnews">http://github.com/dgonyeo/AndroidWebnews</a>
HONORS & AWARDS	Eagle Scout with Three Palms Third Degree Black Belt in Taekwondo	June 2011 February 2011
CLUBS & ACTIVITIES	Eagle Flight - Junior Assistant Scoutmaster Venture Crew 325 - President US FIRST Robotics Team 578 - Electronics Subteam Computer Science House - Member	June 2008 - June 2011 June 2011 - June 2012 September 2011 - June 2012 September 2012 - Present