

Derek W. Gonyeo

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OBJECTIVE	Seeking a Summer or Fall 2015 co-op that will provide me with both interesting programming challenges and work experience.	
EDUCATION	Rochester Institute of Technology - Rochester, NY B.S. Computer Science - Expected Graduation May 2017	September 2012 - Present
EXPERIENCE	Hudl - Lincoln, NE Devops Engineer Worked full time during the summer of 2014, and have continued to work part time to present. I worked on a project called Heimdall that received notifications via a REST api, combines similar notifications into single incidents, alerts the employee on call, and exposes a website for viewing and manipulating incidents. Integrates with Postmark, Stack Driver, and PagerDuty.	June 2014 - Present http://hudl.com
	Stormfrog - 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 http://stormfrog.com
SKILLS	Proficient Languages Java, Python, Go, C Familiar Languages Haskell, Javascript, Bash, C#	
PROJECTS	ODD - One Dimensional Display Designed and built a display of RGB LEDs. Capable of lighting up a room, strobing, displaying rainbows or other various animations, running simulations like the game of life, and analyzing real time audio streams to display music light shows. The display is controlled by a Raspberry Pi computer. I gained familiarity with basic PCB design, C, the pthreads library, basic interactions with ALSA, and FFTs to be used in analyzing audio streams.	http://github.com/dgonyeo/odd
	Brandreth Statistics 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 C3 javascript library to generate various graphs based on the data. I gained familiarity with both the Go language, and PostgreSQL's version of SQL.	https://github.com/dgonyeo/brandreth2.0
	CSH News 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.	http://github.com/dgonyeo/AndroidWebnews
HONORS & AWARDS	Eagle Scout with Three Palms Third Degree Black Belt in Taekwondo	June 2011 February 2011