

Susan K. Lunn

CONTACT INFORMATION	Rochester Institute of Technology 1200 Haight Street San Francisco, CA, 94117	(802)-309-4493 slunn@cs.h.rit.edu github.com/emollient
OBJECTIVE	Seeking 4 month co-op employment starting August 2015 until January 2016.	
EDUCATION	Rochester Institute of Technology - Rochester, NY Major: B.S. Computer Science Expected Graduation: May 2018	August 2013 - Present
TECHNICAL SKILLS & CERTIFICATIONS	Languages: Python, C, Haskell, Standard ML, Java, Javascript, R Operating Systems: RHEL 6, Arch, Solaris, Fedora, CoreOS Tools: Git, Make, L ^A T _E X, Docker, BASH	
PERSONAL PROJECTS	Aphrodite A Haskell web app using the Scotty framework and Yesod's Template Haskell that finds all the local Planned Parenthoods within an address/GPS location, and routes the user there via public transportation. It is aimed at low-income women without access to personal transportation. Git by a Truck It is a replacement for the tool known as "git by a bus" which scans through a repository and checks which developers committed to which file. "Git by a Truck" answers the question about a repository "if 20% of the developer team were to be hit by a bus, would the project survive?" The project is written using the Pyramid framework , a python web framework. Using libgit for C bindings , and stored procedures that are triggered on insert, we add information about a repository and process it. The front-end rest points are currently being written by me, as well as pretty D3 javascript graphs .	February 2015 https://github.com/emollient/Aphrodite September 2014 https://github.com/ryansb/gitbyatruck
EXPERIENCE	LinkedIn Systems Engineer Intern Worked to make logs from CF Engine humanly readable. Built thousands of servers and helped automate the process which enabled them to be built more effectively. Helped LinkedIn finalize which container solution to continue on with. Golisano College of Computing and Informational Sciences Research Assistant Developed a micro-benchmark that produced statistics and graphs for provided executables and their corresponding arguments. Written with a python script with output piped into a graph generating R script , it produced box-and-whisker plots as well as outputting ANOVA and T-tests for the supplied executables. Media Arts Games Interaction and Creativity Center at RIT Back-end Web Developer Worked on writing a web application that uses ArchivesSpace - a standard for museum websites, to display data about toy makers. Earth Moves Fullstack Web Developer Worked on several applications per client request. My two main projects were building a web scraper to pull thousands of eye glass frames and aggregate them, from several websites, this was written using the Python library Scrapy and Bootstrap CSS to display data.	June 2015 to Present https://www.linkedin.com/ January 2015 to May 2015 http://www.mlton.org/ August 2014 to January 2015 http://magic.rit.edu/main/index.html April 2014 to August 2014
EXTRACURRICULAR CLUBS & ACTIVITIES	CSH (Computer Science House) - Full Active member FOSSBox (Free Open Source Software Box) - Active member US FIRST Robotics Team 3397 - Lead programmer	http://www.csh.rit.edu/ http://magic.rit.edu/foss/ http://www.usfirst.org/