

Susan K. Lunn

CONTACT INFORMATION	Rochester Institute of Technology 1200 Haight Street San Francisco, CA, 94117	(802)-309-4493 slunn@csh.rit.edu github.com/emollient
OBJECTIVE	Seeking 6 month co-op employment starting May 2017 until January 2018.	
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: Linux, OmniOS/Illumos, FreeBSD, Solaris Tools: Git, Make, L ^A T _E X, BASH Services: TravisCI, Docker, RKT, Jenkins, Zabbix, DNS	
PERSONAL PROJECTS	DNS for Computer Science House	April 2016
	Created tertiary DNS set up for Computer Science House services, using bind. Wrote a python script to integrate with our IPAM database, allowing accurate DNS propagation.	
	Zabbix for Computer Science House	March 2016
	Set up the Zabbix monitoring software for Computer Science House services and machine, with full LDAP integration and our own star SSL cert.	
	Aphrodite	February 2015
	https://github.com/emollient/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.	
EXPERIENCE	Student Government RIT Junior Quality Engineer	January 2016 to Present http://www.sg-rit.edu/
	Build tools and processes for continuous integration within the Services team for Student Government. Using TravisCI and adding rules for Github pushes and commits.	
	Delphix Operations Engineer Intern	August 2015 to January 2016 https://www.delphix.com/
	Using Jenkins and a series of shell scripts, worked on automating the process for standing up a build server. This involved intimate knowledge of OmniOS packaging (IPS) as well as delving in to the internals of the Delphix stack.	
	LinkedIn Systems Engineer Intern	June 2015 to August 2015 https://www.linkedin.com/
	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	January 2015 to May 2015 http://www.milton.org/
	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 August 2014 to January 2015
Back-end Web Developer <http://magic.rit.edu/main/index.html>

Python web application developer. Tools used were Pyramid, SQLAlchemy, and Bootstrap CSS.

Earth Moves April 2014 to August 2014
Fullstack Web Developer

Python web application developer. Tools used were Pyramid, SQLAlchemy, and Bootstrap CSS.

EXTRACURRICULAR	CSH (Computer Science House) - Full Active member	http://www.csh.rit.edu/
CLUBS & ACTIVITIES	FOSSBox (Free Open Source Software Box) - Active member	http://magic.rit.edu/foss/
	US FIRST Robotics Team 3397 - Lead programmer	http://www.usfirst.org/