# Julien Eid

CONTACT INFORMATION

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EDUCATION

**Rochester Institute of Technology** - Rochester, NY          September 2012 - Present
- Major: B.S. Computer Science
- Expected graduation: June 2016

EXPERIENCE

**Vimeo** - New York, NY          May 2013 - August 2013
Devops Intern          http://vimeo.com

Worked on large scale distributed computing clusters using Apache Mesos. Worked on RPM packaging for a variety of software in order to roll out installs using Puppet. Maintained Apache Zookeeper ensembles for a variety of different uses. Developed and installed AirBNB's Chronos into our datacenters for production work.

**Computer Science House** - Rochester, NY          March 2013 - Present
Lead Systems Administrator          http://csh.rit.edu

Work on a team to provide a learning infrastructure for student developers. Responsible for the creation and maintenence of web app and database servers. Assist users with integrating their application in our house systems. Work with other Systems Administrators to plan and organize architecture and infrastructure building.

**Technology Squad at Brooklyn Technical High School** - Brooklyn, NY          September 2010 - June 2012
Systems Administrator          http://bths.edu/
Created an Active Directory domain for students to log into. Created group policies for administration, remote installation and maintenance. Set up storage space for students, accounts, and files.

TECHNICAL SKILLS

**Languages** Python, Java, C#, C, Scala, PHP, C++
**Operating Systems** Linux - Debian and derivatives, RHEL and derivatives, Windows, OSX
**Services** Apache 2.x, MySQL, PostgreSQL, ISC-DHCP, BIND9 and Windows DNS, Active Directory, Kerberos, and LDAP, NFS, Samba, Puppet, Ansible, OpenStack, Ceph, Apache Mesos, Apache Zookeeper

EXTRACURRICULAR

**CSH (Computer Science House)**          http://www.csh.rit.edu/
Network and Systems Administrator          February 2013 - Present

PROJECTS

**OpenStack distributed cluster using Infiniband**
Building an OpenStack VM cluster for use by CSH that is backed by the Ceph distributed block store system. Allows CSH members to have an Amazon AWS like infrastructure to request VM's for projects or for any of their needs. VM's are stored redundantly across two groups of disk servers using Ceph so that a rack of servers can go down and the cluster will continue functioning.

**PlayQueue**
Allows multiple users to add songs from Google Music into a queue that plays songs on a single client computer. Used the Pyramid web framework and the unofficial Google music API to create the application. Created a more social dynamic to Google music where users could recommend and upvote songs.

**Fedora and EPEL Packaging**
Working on packaging Apache Zookeeper and Apache Mesos to have them accepted into the Fedora and EPEL repositories.

**DrinkPi**
Added a RaspberryPi to a vending machine in Computer Science House called DRINK. The Pi uses Python to communicate with a server and then the Pi uses OneWire to control the motors in the vending machine to drop drinks.