

# Grant Cohoe

3449 Nathaniel Rochester Hall, Rochester NY 14623      phone: (330) 790-1701      Email: cohoe@csh.rit.edu

<b>Objective</b>	Seeking cooperative employment in the design and installation of complex data systems, networks, and infrastructure to augment knowledge about advanced information technology systems. Available Summer 2012 (For 3 month assignment).
<b>Education</b>	<b>Rochester Institute of Technology</b> May 2013 Bachelor of Science in Applied Networking and System Administration Minor in Database Design, Development, and Implementation <b>Presidential Scholarship</b> recipient for academic excellence GPA: 3.30 (PFOS: 3.57)
<b>Coursework</b>	Java Programming, Cyber Self-Defense, Computer System & Network Fundamentals, Large Scale Computing with Mainframes, Perl Scripting, Web Design, System Administration, Data Modeling, Advanced Routing & Switching, Wireless Networks, Network Services.
<b>Work Experience</b>	<b>Anheuser-Busch InBev</b> System Technology Co-op Baldwinsville, New York Winter 2011 - Fall 2011 Assisted in the day to day operation and maintenance of brewery IT systems and infrastructure. This included Programmable Logic Controllers, Human-Machine Interfaces, 802.11 WiFi, multi-site corporate domain and WAN.  <b>Computer Science House</b> System Administrator Rochester, New York Winter 2010 - Present Responsible for the maintenance and operation of house services (mail, news, web, virtual machines, shell access, file storage) and infrastructure (network, cooling, power). These services are used by all current members of the house as well as alumni.  <b>Tallmadge City Schools</b> Auditorium Technical Director Tallmadge, Ohio Fall 2008-Summer 2009, Summer 2010 Managed and planned for all events hosted in the facility and coordinated with staff/students to facilitate the production of events. This included technical services (sound, lighting, rigging), planning (logistics, blocking), setup (testing, installation, programming), and documentation.  <b>Camp Fitch Computer Camp</b> Counselor North Springfield, Pennsylvania Summers 2007 - Present Teach introductory/advanced topics to 8-13 year old children who wish to learn computer skills. Must be able to give campers a solid foundation in computer usage, concepts, and ethics.
<b>Projects &amp; Activities</b>	<b>Computer Science House Member</b> Fall 2010 - Present Membership requires the completion of at least one large project per year (with a focus on self-learning) and attending various technical seminars and social events.  <b>Open-Source Network Access Control Software</b> Spring 2011 - Fall 2011 Designed and developed a network access control system for auditing and management of network resources. Allows administrators to automate provisioning of network resources.  <b>Computer Science House Active Directory Integration</b> Fall 2010 - Winter 2011 Integrated an Active Directory installation into the current house UNIX environment for use by member projects. Services tied together include Kerberos, LDAP, NIS, and NFS.  <b>IBM Master The Mainframe Competition Participant</b> Fall 2010, 2011 Participated in annual competition to learn skills on the IBM System Z Mainframe. Skills required include ISPF, JCL, RACF, COBOL, SMP/E, C, Data Set manipulation, and system navigation.
<b>Skills</b>	<b>System Platform Familiarity:</b> Microsoft Windows (Desktop and Server), Mac OS X, Linux (Familiar with all major distributions, with focus on Red Hat), FreeBSD, Cisco IOS, IBM z/OS & USS, VMware vSphere, Linux K.V.M.  <b>Technology &amp; Infrastructure:</b> Ethernet, AOE, Routing & Switching (TCP/IP), STP, Cooling Implementation, Power Distribution, Kerberos, NIS, Active Directory, DNS, DHCP, LDAP, Advanced Virtualization concepts & implementation, SAN & Cloud concepts  <b>Programming/Scripting:</b> Proficient with Perl, Bash, PHP, HTML/CSS and SQL. Basic familiarity with Java, VBScript.