Grant Cohoe

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Objective	Seeking cooperative employment in the design and implementation of complex data systems, networks, and infrastructure to augment knowledge about advanced information technology systems. Available Summer 2012 (For 3 month assignment).

Education

Rochester Institute of Technology   May 2013
Bachelor of Science in Applied Networking and System Administration
Minor in Database Design, Development, and Implementation
Presidential Scholarship recipient for academic excellence
GPA: 3.23 (PFOS: 3.39)

Coursework

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, 802.11 Wireless Networks, Network Services, Network Design & Performance, Needs Assessment

Work Experience

Anheuser-Busch InBev   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.

Computer Science House   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.

Tallmadge City Schools   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.

Camp Fitch Computer Camp   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.

Projects & Activities

Computer Science House Member   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.

Open-Source Network Access Control Software   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.

Computer Science House Active Directory Integration   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.

IBM Master The Mainframe Competition Participant   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.

Skills

System Platform Familiarity: 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.

Networking & Services: Ethernet, TCP/IP Routing & Switching (IPv4 & IPv6), [MR]STP, VTP, Link Aggregation, Frame Relay, Kerberos, NIS, Active Directory, DNS, DHCP, LDAP, IPsec, HSRP/VRRP/GLBP, RIP, OSPF, EIGRP, BGP.

Programming/Scripting: Proficient with Perl, Bash, PHP, HTML/CSS and SQL. Basic familiarity with Java, VBScript.