Grant Cohoe

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Objective

Seeking co-op employment in design, installation, and maintenance of large scale data systems and infrastructure to augment knowledge about advanced information technology systems. Available Summer 2011 (For 3-6 month assignment).

Education

Rochester Institute of Technology   May 2013
Bachelor of Science in Applied Networking and System Administration
Presidential Scholarship recipient for academic excellence
GPA: 3.549 (PFOS: 3.620)

Coursework

Java Programming, Cyber Self-Defense, Computer System & Network Fundamentals, Large Scale Computing with Mainframes, Perl Scripting, Web Design, System Administration, Database

Work Experience

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, OH   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, PA   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.

Tallmadge City Schools   Technical Work Experience Student
Tallmadge, OH   Summer 2004 - Summer 2009
Assisted IT staff with setting up and configuring client workstations and printers within a small enterprise network for both student and staff use. Required knowledge of backend systems, network configuration, and ability to work without supervision.

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), attending various technical seminars and social events, and networking with professionals across the country.

Computer Science House Active Directory Integration   Fall 2010 - Present
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
Participated in annual competition to learn skills on the IBM System Z Mainframe. Skills required for completion include ISPF, JCL, RACF, COBOL, USS, FTP, SMP/E, C, Data Set manipulation, and system navigation. Completed parts 1 & 2 of 3.

FIRST Robotics Competition Volunteer   Spring 2010
Volunteer inspector during the regional competition of the FIRST Robotics Competition. Responsible for ensuring team compliance with all competition rules and regulations.

Skills

Operating System Familiarity: Microsoft Windows (Desktop and Server), Mac OS X, Linux (Familiar with all major distro's, with focus on Red Hat), FreeBSD, Cisco IOS, IBM z/OS & USS.

Technology & Infrastructure: Ethernet, AOE, Routing & Switching (TCP/IP), Cooling Implementation, Power Distribution, Kerberos, NIS, Active Directory, DNS, DHCP, LDAP, Advanced Virtualization concepts & implementation, SAN concepts, Cloud concepts

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