

# Daniel M. Weeks

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## Work Experience

CCI (Rensselaer Polytechnic Institute)	Troy, NY	2012-Present
<ul style="list-style-type: none"><li>• Maintain hardware/software/security for 5-rack IBM Blue Gene/Q, multiple Intel clusters<ul style="list-style-type: none"><li>◦ Previously: ~500 node AMD cluster, 16-rack Blue Gene/L</li></ul></li><li>• Hardware and software maintenance for 2 PB storage cluster running IBM GPFS/ESS</li><li>• Upgrade, install, and maintain Ethernet and Infiniband network infrastructure</li><li>• Provision Intel and PowerPC servers for management and cluster resources</li><li>• Compile and troubleshoot scientific software and libraries for end-users</li><li>• Design and implement tools for day-to-day operation</li><li>• Assist end-users with cluster and scheduler usage</li><li>• Document data center assets and infrastructure</li></ul>		
Sixnet	Ballston Lake, NY	2010
<ul style="list-style-type: none"><li>• Responsible for industrial networking switch firmware quality assurance testing</li><li>• Ensure all previously implemented switch protocols meet IEEE and IETF standards</li><li>• Advise on proper implementation of new IEEE and IETF protocols</li><li>• Create software patches for open-source switch software</li></ul>		
Johnson & Johnson ITS	Raritan, NJ	2008
<ul style="list-style-type: none"><li>• Member of an 8 person international development team</li><li>• Develop desktop solutions, corresponding documentation, and best practices</li><li>• Provide level 3 technical support for projects in the field</li></ul>		
National Pools and Spas	Hillsborough, NJ	2006-2007
<ul style="list-style-type: none"><li>• Confirm deliveries and store bulk inventory</li><li>• Perform both counter and floor sales</li><li>• Diagnose and repair motor/pump/filter/automatic cleaner equipment for customers</li></ul>		
Hillsborough Pool, Racquet, and Fitness Club	Hillsborough, NJ	2004-2005
<ul style="list-style-type: none"><li>• Private fitness club</li><li>• Lifeguard</li><li>• Swim Instructor – private and group lessons – infant through adult</li></ul>		
WRPI Chief Operator	Troy, NY	2009-2010
<ul style="list-style-type: none"><li>• Appointed engineering position at campus radio station</li><li>• Responsible for FCC compliance and documentation</li><li>• Oversee announcer training and day-to-day operating procedures</li><li>• Oversee and perform monthly maintenance and calibration of critical station systems</li></ul>		
WRPI Network and Systems Operator	Troy, NY	2009-2011
<ul style="list-style-type: none"><li>• Appointed engineering position at campus radio station</li><li>• Responsible for end-user, voice, and server installations and network totaling 60 devices</li><li>• Plan and implement equipment upgrades, integration, and infrastructure consolidation</li><li>• Deploy IPv6 and VoIP infrastructure to meet industry advancement and deadlines</li><li>• Coordinate address and bandwidth allocations with service provider</li></ul>		
WRPI Chief Engineer	Troy, NY	2007-2009
<ul style="list-style-type: none"><li>• Executive committee position at campus radio station</li><li>• Responsible for performance and maintenance of transmitter, equipment and computer infrastructure</li></ul>		

## Leadership Positions

- Propose and manage 60% of \$45,000 annual budget
- Report progress at weekly executive committee meetings and monthly membership meetings
- Train new announcers on equipment

**Education**

Rensselaer Polytechnic Institute

Troy, NY

2006-2011

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- Bachelor of Science, Computer and Systems Engineering  
Concentration in Networking and Network Security

**Professional  
Certifications**

- Cisco Certified Network Associate (CCNA)  
Security (CCNA Security)  
Voice (CCNA Voice)
- Committee on National Security Systems 4011 Recognition (CNSS 4011)

**Technical  
Skills**

- Intel, PowerPC, and IBM Blue Gene architectures
- Linux Kernel programming
- Linux System Administration (Suse, Fedora, Gentoo, Ubuntu, Red Hat, Debian)
- LDAP/Active Directory
- GPFS
- BeeGFS
- C/C++
- Java
- Perl
- Python
- Web Programming - HTML/CSS, XML/XSL, PHP
- SQL
- Android API
- UML
- Agile

**References available upon request.**