

# Edward J. Smiley Jr.

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## TECHNICAL EXPERIENCE

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### **The Pennsylvania State University**

*Systems Administrator, Eberly College of Science – Dean's Office/Dept of Statistics*

University Park, PA  
Oct 2007–Current

Provide technical and application support for staff across multiple buildings on campus.  
Installation and administration of staff Windows, Mac, Linux systems.  
Maintain Windows NT and deployed/maintain Windows 2003 file, web, and Active Directory servers.  
Evaluate and purchase hardware and software upgrades.  
Research and design pending VMware ESX server hardware.  
Created secure connections setup for faculty/staff remote access.  
Implemented the use of the PSU Win-AD domain for student lab computers.

### **The Pennsylvania State University**

*IT Support Specialist, College of the Liberal Arts*

University Park, PA  
Mar 2007–Oct 2007

Provided technical and application support for multiple departments in the College.  
Installed and administered of faculty/staff Windows, Mac and Linux systems.  
Managed computer and user accounts on Windows Server 2003 Active Directory.  
Recommended and evaluated hardware and software upgrades.  
Evaluated software programs and how they applied to security policy.  
Provided technical training of Windows Vista and various security tools.

### **The Pennsylvania State University**

*Systems Administrator and Desktop Support, Department of Chemistry*

University Park, PA  
May 2000–Dec 2006

Installed and administered of department Windows, Mac, and Unix/Linux systems.  
Installed and maintained Windows Server 2003 localhost domain and server  
Implemented and administered of 6-node Linux cluster and provided support for local and global users.  
Provided application support and technical guidance for students, staff, and faculty.  
Performed software installations, including upgrades and patches.  
Designed and maintained group website.

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## TECHNICAL SKILLS

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**Programming:** Fortran, HTML, AWK, Sed, Linux Shell Scripting, Windows Scripting

**Operating Systems:** Multiple Unix and Linux variants, Mac OS 9 and X, all desktop versions of Microsoft Windows, Windows NT Server, Windows 2000/2003 Server with Active Directory

**Installations:** Numerous software and hardware applications and upgrades

**Software Applications:** Adobe Creative Suite, Lotus Notes, Microsoft Office, Oracle Calendar, TORQUE/Moab Cluster Tools, VMware ESX server, VMware Fusion

**Security Packages:** Metasploit framework, Backtrack Live CD, Nmap, eEye Blink and Retina

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## EDUCATION

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### **Pennsylvania State University**

Doctor of Philosophy, Chemistry, December 2006

University Park, PA

### **Moravian College**

Bachelor of Science, Chemistry, May 2000  
Moravian College Honors Program

Bethlehem, PA

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## **TRAINING**

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**Learning Tree Ethical Hacking and Countermeasures  
VMware Infrastructure 3: Install and Configure V3.5**

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## **REFERENCES**

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**Available Upon Request**