

Howard Powell

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OBJECTIVE Experienced and enthusiastic computer systems administrator seeking job working with troubleshooting and developing Linux and Unix based servers and workstations, as well as specialized operating systems and software for high performance and/or parallel use.

EDUCATION *Bachelor of Arts* University of Virginia 1998 - 2005
Major in Astronomy
Senior Thesis Title: The Redesign of the Small Radio Telescope Control System

WORK EXPERIENCE *Unix Computer Administrator* 2002 - Present
Astronomy Department, University of Virginia

- Customized and deployed a Red Hat Linux OS image for workstations.
- Setup and deployed an OS X Server infrastructure for Mac workstations.
- Customized a UVa-centric Windows XP install DVD for rapid, unattended deployment of PC workstations.
- Developed and maintain a 112 processor Linux based parallel HPC cluster.
- Perform data recovery on failed hard drives and USB flash disks.
- Planned and implemented an LDAP database, then migrated NIS user tables and integrated various services into LDAP structure.
- Developed and maintain various servers including Postfix, Apache, and OpenLDAP.

Computer Help Desk 1998 - 2002
Information, Technology and Communications, University of Virginia

- Troubleshoot and repair general communications problems with personal computers on a variety of Windows (95, 98, NT, 2000 and XP), Unix and Macintosh based computers.

Computer Support Technician 2000 - 2001
Acquisitions and Data Services, University of Virginia

- Worked closely with this department during a massive upgrade and overhaul of their computer network. This involved moving 60+ people from Windows95 and DOS based systems to Windows NT as well as migrating data and training users to work with the new systems as necessary.

Technical Instructor 1999 - 2001
Information, Technology and Communications, University of Virginia

- Served as both assistant and lead teacher for a variety of informal, introductory seminar classes focusing on different topics such as “Using Netscape Communicator to Develop a Website”, “How to Give Presentations with Microsoft PowerPoint”, and “How the University of Virginia Email System Works”.

