

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 standard Fedora Linux installation via the Redhat Kickstart system for workstations.
- Developed and maintain a 112 processor Linux based parallel (Beowulf-style) computer cluster to suit this department's HPC needs.
- Developed, procured and deployed a high-availability Linux server backbone for NFS file systems.
- Perform data recovery on failed hard drive, floppy disk, and other media.
- Developed and maintain a Postfix mail server.

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

- Troubleshoot and repair general communications problems with personal computers, including dial-up, Ethernet and remote connections over 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".

OTHER INTERESTS Computers and electronics; Porsche and other classic era cars.

