

# Alex Chekholko

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## Objective

### Information Systems / Infrastructure position

- Experienced systems administrator seeks to enable people to use technology more effectively with a focus on high performance computing and large-scale storage.

## Experience

### University of Pennsylvania

**Philadelphia, PA**

*Systems Administrator, Penn Center for Bioinformatics*

*Sept 2006 - Present*

- Coordinate computing services with other Centers in the School of Medicine.
- Perform technical consulting and cross-platform desktop and laptop support.
- Manage centralized storage with NFS and LDAP.
- Maintain file/print/web/mail Linux servers (RHEL, Sendmail, NFS, Samba, Apache), configure network equipment (VLANs, IPSec) and Linux/Mac/Windows workstations.
- Assist with maintenance of several HPC clusters (~300 CPUs, Torque, Sun Grid Engine) and Storage Area Networks (Fibre Channel, GFS).

### University of Rochester

**Rochester, NY**

*Computer Consultant, Department of Neurobiology and Anatomy*

*May 2004 - May 2006*

- Served as the support professional for all faculty, students, and staff in the department and as liaison to the Medical Center IT group.
- Administered departmental backup system (Retrospect, NTBackup, VBScript).
- Researched and authorized all computer-related purchasing.
- Administered an Organizational Unit (~200 PCs, ~100 users) in the Active Directory.

*Computer Consultant, Ultrasound Research Lab*

*September 2005 - May 2006*

- Maintained Windows 2000 domain controller (AD, DNS, DHCP, file/print), Linux file server (RAID, Samba) and Windows and Linux workstations and printers.

*Lead Computer Consultant, Simon Business School*

*September 2001 - August 2004*

- Installed, configured and maintained a help desk issue-tracking application (Roundup and PostgreSQL on Debian) used by the help desk students and staff.
- Set up and maintained a 40-PC Windows XP computer lab and supported a large network of Windows XP wireless laptops.

### Flavor Software Inc.

**New York, NY**

*Systems Administrator*

*October 2000 - July 2001*

- Installed, configured and maintained Linux server (Apache/ProFTPD/MySQL/Bugzilla on Red Hat Linux 7) and Windows workstations.
- Wrote BIFS scripts for product testing and InstallScript scripts for product distribution.

## Education

### University of Rochester

**Rochester, NY**

*M.S. Electrical and Computer Engineering*

*May 2006*

- Completed Masters thesis on image processing, segmentation and visualization using the Insight (ITK) and Visualization (VTK) Toolkits with C++ and Tcl/Tk on Linux.
- Completed coursework on Digital Signal Processing, Image Processing, Stochastic Processes, Detection and Estimation Theory, Digital Communication, Wireless Communication.

*B.S. Electrical and Computer Engineering, with Minor in Mathematics*

*May 2005*

### Stuyvesant High School

**New York, NY**

*June 2001*