

# Alex Chekholko

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## Objective

### Information Systems / Infrastructure position

- Completed accelerated Masters Electrical and Computer Engineering program.
- Professional interests include Free Software and data backup methodology.
- Six years of work experience to enable people to use technology more effectively.
- Bilingual English-Russian fluency and US citizenship.

## Experience

### 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 (~300 PCs, ~200 users) in the Active Directory.

*Computer Consultant, Ultrasound Research Lab* September 2005 - May 2006

- Maintained Windows 2000 domain controller (AD, DNS, DHCP, file/print), Windows and Linux workstations and printers.
- Installed and configured Linux file server with software RAID and SAMBA.

*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. (small software startup)

**New York, NY**

*Systems Administrator*

October 2000 - July 2001

- Installed, configured and maintained Linux server (Apache/ProFTP/MySQL/Bugzilla) 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

- Completed senior design project on communication over the power lines in the low frequency range for dynamic electrical load management of thermal devices.
- Dean's List 5 out of 8 semesters, GPA 3.3 (out of 4.0).
- Served as IEEE Student Branch Secretary for 2003.

### Stuyvesant High School

**New York, NY**

June 2001