

# STEPHEN K REPETSKI

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## Home Address

2600 Hickory Hollow Lane  
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## Campus Address

## Objective

To develop and enhance network infrastructures and to learn about new and emerging technologies, including how to apply them in order to help solve current and future problems that may arise.

To use my knowledge of software and hardware computer systems to effectively solve user problems, and to help enrich my own personal technical and communication skills.

## Education

**Rochester Institute of Technology, Rochester, New York** Sep 2009 - Present  
Major(s): VNSA Applied Networking & System Administration  
GPA: 3.7

**Thomas Jefferson High School for Science and Technology, Alexandria, Virginia** Sep 2005 - Jun 2009  
GPA: 3.5

## Experience

**Rochester Institute of Technology Information & Technology Services, Desktop Support Representative** Apr 2010 - Present

- Provide direct computer support to ITS customers. This includes software, hardware, and networking connectivity. DSRs work one-on-one with end users to provide education, perform break-fix, as well as set up and configure systems.

**Virginia High School League, Fully Automatic Timing Operator** Nov 2005 - Dec 2009

- Includes use of wireless gun sensors and various scoreboards.
- Ran track meets for the VHSL Northern Region, Northern Virginia Cross Country and Track and Field Coaches Association, and Potomac Valley Track Club (AAU) using HyTek Meet Manager, FinishLynx for the Fully Automatic Timing system.

**Thomas Jefferson High School for Science and Technology, Fairfax County Public Schools, Lead Student Systems Administrator** Sep 2007 - Present

Sun Administrator/Technology Coordinator

- Maintained Cisco switches, Sun Solaris servers, network of approximately 150 thin clients. Services maintained included Sun Ray, LDAP, and NFS.
- On-going emergency and second-line support for existing systems.
- Helped implement a highly-available, non-salvaging AFS using Solaris 10, Solaris Cluster, Solaris Containers, ZFS, and shared direct-attached storage.
- Won a Sun Academic Excellence Grant for computers and servers valued at more than \$ 388,000. Written with another student; no teacher involvement.
- Secondary responsibilities included DNS servers, DHCP, student Intranet, and student email. Technologies included Linux (Debian, Gentoo), Solaris 10, Apache 2, PHP, MySQL, Kerberos, AFS, Sun Java Directory Server.

**Sun Microsystems Federal, Inc., Assistant Systems Engineer** Jun 2009 - Aug 2009

- Engineered and set up cloud-based networks for operational use to achieve IT cost savings.
- Helped integrate and test pre-release products for government customers. Ran benchmarking suites to ensure proper operation of products, and configured equipment for customer use.

**US Geological Survey, Hydrologic Technician** Jun 2007 - Jun 2008

- Combined data from existing in-house data sets as well as lab reports that were received to incorporate as well as information retrieved from wells. Produced graphs and statistical summaries critical to primary screening of the data.
- Assisted in developing databases necessary for several studies related to the use of isotopes to understand the hydrologic process and nutrient concentration in the Potomac River and surrounding tributaries.
- Developed a program using Visual Basic to control various elements of a furnace to extract water from various samples, including hair.

## Additional Experience

**Presentations** Jan 2009 - Jun 2009

- Educause Mid-Atlantic Regional Conference 2009 (9 January 2009), Philadelphia PA - Presented on the impact of thin client technology in an educational setting. Focused on Sun Microsystems solutions for remote access and mobile use.
- Jefferson Overseas Schools Technology Institute (JOSTI), TJHSST, Alexandria, VA - Presented on the use of thin client technologies in an educational environment

## **Awards**

- RIT Golisano College of Computing and Information Sciences Dean's List (Fall, Winter 2009)
- Sun Academic Excellence Grant Recipient (Spring 2008): Successfully wrote grant and received \$388,048 worth of hardware from Sun Microsystems. Written during junior year, with a senior partner; no teacher involvement.
- Star Award Recipient, US Geological Survey, Water Resources Discipline (Summer 2007, 2008) : In recognition of exceptional work and performance of duties. Monetary award.
- Russian Essay Contest/Spoken Awards (Fall 2006, Spring 2007, Fall 2007, Spring 2008): Recipient of awards for essay and spoken Russian competitions

## **Skills**

- System and Network Administration: Debian, Ubuntu, Gentoo Linux, Sun Solaris 10, OpenSolaris, Microsoft Server 2003/2008, Cisco IOS, Red Hat Enterprise Linux, Mac OS X.
  - Knowledge of Java, Visual Basic, Ruby, C, PHP, HTML, MySQL, Python, Perl.
  - Audiovisual Equipment - Sound technician for live performances, including musicals The Music Man, and Into the Woods. Performances for St. Mark's Catholic Church, Vienna, and All Saints Catholic Church, Manassas. Experience with sound mixers, wireless equipment (Audio-Technica, Shure, Sennheiser), amplifiers, projectors, video playback equipment.
  - Languages - English (first language), Russian (college intermediate level)
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