

# NICOLAS KASSIS

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## Skills

- **Languages:**
  - French, English
- **Operating Systems:**
  - Linux (Ubuntu, Debian, Gentoo, Red Hat, Mandrake), Vyatta OFR, Mac OS X, FreeBSD, Solaris, Windows 98/2000/XP, Windows Server 2003/2008
- **Computer Languages:**
  - Javascript, Ruby, Clojure, Common Lisp, Scheme, Python, Java, Perl, C, C++, Bash, SQL,  $\LaTeX$ , HTML, CSS, XML
- **Tools and Systems:**
  - Ruby on Rails, Sinatra, Phusion Passenger, Git, Subversion, Apache, NGINX, BIND, ISC DHCP, MySQL, PostgreSQL Samba, Postfix, OpenLDAP, NFS, NIS, OpenSSH, Nagios, iptables, Citrix, Active Directory, MediaWiki, MoinMoinWiki, Microsoft Office, OpenVPN, Microsoft DNS, Cisco IOS, Vyatta, Linode, Amazon S3/EC2
- **Other Skills**
  - Basic accounting
  - Team work

## Education

- **Florida State University**—Tallahassee, FL  
*Major in Pure Mathematics*
  - Graduation date: August 2009
- **Tallahassee Community College**—Tallahassee, FL  
*Associates of Arts, General Education*
  - Graduation date: December, 2006

## Experience

- **Montreal Neurological Institute, McGill University, Brain Imaging Center, GBRAIN Project**—Montreal, Qc, Canada  
*Software Developer: January 2010-Present*
  - Co-develop Ruby on Rails applications for managing research data, research tools and clusters
  - Develop web based 3D Visualization tools in Javascript and WebGL for brain imaging data

- Improve user interface using Javascript (jQuery)
  - Work with researchers to develop needed features
  - Implement a testing framework for unit and integration testing using RSpec and Cucumber
  - Present projects at conferences and events
  - Advise on network and system related issues
- **Florida State University, Academic and Professional Program Services**—Tallahassee, FL  
*Network Administrator/Software Developer: May 2008-July 2009*
    - Manage Mac OSX and Windows Workstations
    - Maintain the departmental Active Directory Domain
    - Maintain department Linux Servers, including Web, DNS, DHCP, VPN, Firewall
    - Maintain the departmental network infrastructure including Cisco Routers/switches
    - Support a high availability website and video streaming service
    - Develop tools and scripts to automate administrative tasks
    - Create and Maintain documentation for network and applications
    - Maintain and develop the departmental website and web applications
    - Assist users with network related problems
- **Florida State University, Facilities**—Tallahassee, FL  
*Network Administrator: May 2006–Present*
    - Co-manage 200 Windows XP workstations.
    - Maintain the departmental Active Directory Domain
    - Maintain department Linux servers, including Web, DNS, DHCP, Router, VPN
    - Develop tools and scripts to automate administrative tasks
    - Create and maintain documentation for Network and Applications
    - Maintain and develop the departmental website and web applications
    - Assist users with network related problems
    - Manage the departmental EMC NAS
    - Implement and test backup systems
    - Create and maintain a network monitoring infrastructure using Nagios
    - Co-manage an Oracle 9i Enterprise database running on Solaris