

NICOLAS KASSIS

P.O. Box 964, Crawfordville, FL, 32326

(850)388-4502; nic.kassis@gmail.com

Skills

- **Languages:**
 - Bilingual: French, English
- **Operating Systems:**
 - Linux (Ubuntu, Debian, Gentoo, Red Hat, Mandrake, CentOS), Vyatta OFR, Mac OS X, FreeBSD, Solaris, Windows 98/2000/XP/7, Windows Server 2003/2008
- **Computer Languages:**
 - Javascript, Ruby, Clojure, Common Lisp, Scheme, Python, Java, Perl, C, C++, Bash, SQL, \LaTeX
- **Tools and Systems**
 - WebGL, OpenGL, OpenGL ES, HTML/HTML5, CSS, XML, NodeJS, JQuery, Ruby on Rails, Sinatra, Git, Subversion, Linode, Amazon S3/EC2, Apache, NGINX, BIND, ISC DHCP, MySQL, PostgreSQL Samba, Postfix, OpenLDAP, NFS, NIS, OpenSSH, Nagios, iptables, Citrix, Active Directory, Microsoft DNS, Cisco IOS, Vyatta, Microsoft Office, OpenVPN
- **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
 - Develop web based 3D Visualization tools called BrainBrowser in Javascript and WebGL for brain imaging data

- Help develop a Ruby on Rails applications called CBRAIN for managing research data, research tools and computing clusters
- Develop interface to Amazon cloud
- Web Frontend development using Javascript
- Work with researchers to develop needed features
- Implement a testing framework for unit and integration testing using RSpec and Cucumber
- Advise on network and system related issues
- Demonstrate projects for collaborators and visitors
- Represent projects at conferences and events

- **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-May 2008

- 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