

# NICOLAS KASSIS

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## Skills

- **Languages**
  - French, English
- **Technologies**
  - Computer Languages: Javascript, HTML, CSS, Java, Ruby, Clojure, Python, C, C++, Perl, Bash, SQL,  $\text{\LaTeX}$ , Rust
  - Operating Systems, Technologies, Frameworks: Linux, Mac OS X, Windows desktop and server, WebGL and OpenGL, Node.js, jQuery, Ruby on Rails, Sinatra, Git, Amazon AWS, Apache, Nginx, MySQL, PostgreSQL, Spring, Tomcat, Netty, OAuth 2.0, OpenID, BIND, Active Directory

## Education

- BSc. Pure Mathematics (Minor: Business), Florida State University, August 2009

## Work Experience

- **Amazon.com, eCommerce Platform Services**—Seattle, WA, USA  
*Software Development Engineer: July 2012-Present*
  - Developed features and helped maintain the OpenID and OAuth web platform that handles identity management, authentication, and authorization for all Amazon and mobile applications
  - Led project to implement a complete redesign of Amazon's authentication web front-end for Amazon's retail website on mobile and desktop worldwide
  - Developed the Login with Amazon(OAuth)'s developer console currently used by thousands of external developers to register, configure and monitor applications that use Amazon.com APIs
  - Implemented front-end applications serving Login with Amazon sign-in and consent pages used by Amazon customers
  - Participated in on-call rotation for all of Amazon identity related services
- **Montreal Neurological Institute, McGill University, Brain Imaging Center**—Montreal, Qc, Canada  
*Software Developer: January 2010-June 2012*
  - Developed web-based 2D/3D Visualization tool called BrainBrowser in Javascript and WebGL for brain imaging data
  - Developed features and maintained a platform for managing neuro-imaging data and scheduling computation jobs on multiple high performance clusters using Ruby on Rails
  - Represented lab and projects at national and international conferences and events
- **Florida State University**—Tallahassee, FL  
*Network Administrator/Software Developer: May 2006-July 2009*
  - Managed hundreds of Mac OSX and Windows workstations
  - Maintained departmental network and server including the Active Directory, DNS, and Web servers
  - Developed department website and web applications