

NICOLAS KASSIS

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Skills

- **Languages**
 - French, English
- **Technologies**
 - Computer Languages: Javascript (typescript, ES6), HTML/CSS, Java, C#, Ruby, Clojure, Python, C, C++, Perl, Bash, SQL, R, Julia
 - Technologies: Aurelia, Angular, React.js, Node.js, Web Platform API and DOM, WebGL, OpenGL, jQuery, Ruby on Rails, Sinatra, Git, Amazon AWS, Apache, Nginx, MySQL, PostgreSQL, Spring, Tomcat, Netty, OAuth 2.0, ASP.Net Core, .Net Core

Education

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

Work Experience

- **GMO LLC**—Boston, MA, USA
Software Engineer: April 2015-Present
 - Designed and implemented a set of RESTful services and APIs to retrieve reference information, manage trades and orders, and retrieve holding information that is usable programatically or through a web application
 - Designed and developed a single page web application used by portfolio implementers to manage orders, view reference information, and view reports
 - Developed a set of reusable common web components and tools used to build data rich web applications within within GMO
 - Advocated for and implemented a more automated release process reducing release schedule from 4 weeks to 1 week
 - Improved supportability by improving logging and request tracing that led to quicker resolution times
 - Implemented basic cross-cutting functionality as reusable components to reduce effort required to build new microservices
- **Amazon.com, eCommerce Platform Services**—Seattle, WA, USA
Software Development Engineer: July 2012-March 2015
 - 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