JUSTIN QUICK

410.941.9553 • justquick@gmail.com • 1407 Eutaw Pl, Baltimore MD, 21217

SKILLS

- Web application development
- Linux administration
- Experienced in Python, Django, NodeJS, HTML, JavaScript, CSS, Apache, Nginx, Varnish, CDNs, AWS, Git, Ansible, Puppet, UML, Agile, relational and non-relational databases.

EDUCATION

Goucher College • Towson, MD   2004 - 2009
Computer Science Major, Bachelors of Arts

PROJECTS

- [Django Activity Stream](#) - Generate generic activity streams from the actions on your site. Users can follow any actors' activities for personalized streams.
- [Python Google Chart Wrapper](#) - Wrapper for the Google Charts API which allows developers to create dynamic charts in Python from the Google API URL (contains Django module).
- [Django Varnish](#) – Uses Varnish HTTP accelerator to manage caching of object detail pages.
- For more of my projects, see my profile page at [Github](#)

EXPERIENCE

National Geographic • Washington, DC   2013 - 2016
Lead Application Developer
- Lead the development team for the Webby winning [Your Shot](#) photo sharing site
- Designed and implemented continuous integration and deployments of Django projects using Jenkins pipelines
- Created analysis tool for CI to track build failures, test coverage and code quality over time
- Designed and lead the backend team for the Online Digital Edition of our magazine requiring integration with several data sources and 3rd party vendors
- Created open source development blog site for [natgeofoundry.com](#)

Social Toaster Inc. • Baltimore, MD   2012 – 2013
Senior Application Developer
- Implemented Jenkins CI for testing and code quality tracking
- Integrated YouTube API for video platform to track users' comments, likes and watches
- Updated Django site to more accurately track users' actions in social media outlets

Bolster Labs Inc. • Baltimore, MD   2012
Senior Application Developer
- Integrated Kentico CMS with Facebook pages for [livestrong.org](#)
- Improved site implementation and added activity streams for [fragileoasis.org](#)
- Created judging interface for National Geographic photography contests

National Geographic Society • Washington, DC   2010 - 2012
Application Developer
- Built out templating system for sitemaps and syndication feeds
- Developed contest software to track paid entries for traveler and photography contests
- Optimized page load speed and media asset delivery

The Washington Times LLC. • Washington, DC   2008 - 2010
Web Developer
- Wrote and published numerous Python and Django applications (most open source)
- Founded opensource.washingtontimes.com
- Integrating site code for various technologies and services
- Created and maintained many production websites using Django

Lifemax Inc. • Orlando, FL   2009 - 2011
Django Developer
- Expanded site to support internationalization and allowed staff to edit multilingual content
- Migrated application stack to Media Temple hosting
- Optimized page load speed and media asset delivery

Open Source Connections • Charlottesville, VA   2008
Web Application Developer
- Worked on Django applications for work flow management system for work orders
- Created helpful AJAX utilities including CRUD interface
- Debugged and troubleshooted software for users after deployment

Goucher College - Computer Music Department • Towson, MD   2007
Webmaster & Unix Administration -
- Created site to host and display staff and student projects using Django
- Preformed server maintenance and setup LAMP system with Drupal CMS
- Created community site for live audio collaboration using Django

MemePod • Washington, DC   2005 - 2006
Operations Engineer
- Streaming media plugin development
- Unix streaming radio application development
- Asterisk PBX setup and administration
- Implemented time tracking software using Django