

JUSTIN QUICK

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5304 Nuth Ave, Baltimore MD 21206

SKILLS

- Web application development
- Linux administration
- Delivery Engineer
- Experienced in Python, Django, Puppet, NodeJS, Redis, ElasticSearch, Apache, Nginx, Varnish, CDNs, AWS, Git, Ansible, Puppet, relational and non-relational databases.
- Trained in ElasticSearch Operations and Puppet Site Engineer.

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

REW Consulting Services • St Petersburg, Florida

2018 -2019

Software Engineer

- Client is a fortune 50 financial company
- Built web application on top of Puppet to orchestrate software deployments
- Worked using SOA for micro-service controllers to deploy updates to ~80K nodes
- Designed search service combining Puppet facts and application data.

Anthem Engineering • Elkridge, MD

2017 - 2018

Senior Software Engineer

- Integrated Box.com API to use as the file store for our uploaded documents
- Using Redis and django-channels, built real-time communications app to send model updates to client using websockets
- Tracked and fixed Ruby/Sinatra bugs while learning Ruby on the job

BWell • Baltimore, MD

2016

Senior Application Developer

- Integrated proprietary health insurance databases into MySQL to track insurance coverage including copays, deductibles and out of pocket limits
- Normalized tracking of lab results to account for differing test and reference levels

- Implemented Stripe payments for monthly subscriptions

National Geographic • Washington, DC

2013 - 2016

Lead Application Developer

- Created activity stream application to track users actions and followers using NodeJS ReST service, Neo4j graph database storage and Apache Storm to preprocess feeds in real time.
- Migrated image ReST service from Python to Go. Service optimizes images for sRGB, preserves ICC color profiles and delivers multiple image resolutions in under 300ms.
- Implemented development environments to match our production servers using Vagrant and Puppet.
- Developed testing toolkit for every level of development including testing (coverage unit test runner, and Behave/Selenium), testing code coverage and quality metrics checks (pyflakes). Pipeline is designed to standardize environments, catch development errors early and provide metrics and access for QA team.
- Designed continuous integration and deployments of Django projects using Jenkins Pipelines, Puppet CM and EC2 servers.
- Maintained mission focused websites for our customers including the YourShot photo sharing website as well as our Online Digital Edition of the National Geographic Magazine.

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 NASA's 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 Administrator

- Created site to host and display staff and student projects using Django
- Performed server maintenance and setup LAMP system with Drupal CMS
- Created community site for live audio collaboration using Django