

Jared Wasinger

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Github: github.com/jwasinger

Qualifications

- Experienced with multiple relational and non-relational databases
- Ability to easily learn new technologies and programming languages
- Experience using Agile development practices
- Extensive knowledge of Linux as a development and server environment
- Experienced with Git and SVN

Work Experience

Symantec **Norton SRE Intern** **October 2015 - present**

- Created a search engine application using Elasticsearch, NodeJS, Python and Go to extract and index internal documentation sources
- Created SQL Server tables and queries for assigning and managing subnets in Azure IP address spaces
- Analyzed Jira ticket history to identify trends involving storage errors across Norton cloud services
- Created visualizations of Nagios alert data using Javascript and D3.js

FW-Novatel **SDE Intern** **March 2015 - September 2015**

- Created Python scripts to organize and simplify hundreds of spreadsheets containing customer data
- Created frontend components for customer-facing IoT device management SaaS application
- Created SQL queries to retrieve data for reports of device usage and billing statistics

OSU Network Services **Student Software Developer** **January 2014 - March 2015**

- Created a web CRUD application backed by a MySQL database for administration of faculty and student emailing lists
- Migrated emailing list records from plaintext files into a MySQL database
- Implemented user interface bugfixes for new university-wide DNS/DHCP administration and device inventory tool

Oregon State University **CS Teaching Assistant** **September 2013 - January 2014**

- Taught labs for introductory Python and C++ classes
- Tutored students one-on-one to help teach programming concepts

Projects and Contributions

Random Network Coding CDN **<https://github.com/ckennard/rnccdn>**

- Proof-of-Concept implementation of Random Network Coding algorithm for use in a Content Delivery Network.
- Implements the functionality of a caching proxy that optimizes overall network throughput at the cost of a computational overhead.

Mobile Websocket Chat Application **https://github.com/jwasinger/websocket_chat**

- Browser-based websocket chat using NodeJS, MongoDB and Bootstrap to create a responsive user interface