Tripp Roberts

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EDUCATION

Master of Science in Computer Science, Georgia Institute of Technology, Dec 2018

- Specialization in Interactive Intelligence

Bachelor of Science in Computer Science, Georgia Institute of Technology, May 2016

- Concentration in Information Internetworks and Intelligence

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EXPERIENCE

Yext, Inc., *Software Engineer*, New York, NY | July 2016 - present

Yext, Inc., *Software Engineering Intern,* New York, NY | May 2015 – August 2015

- Worked as part of a full-stack team using agile software development techniques responsible for maintaining and improving Yext's customer-facing Java and Go web applications.
- Based on customer feedback, added functionality to the main location data model, requiring changes across all of Yext's core applications. Modified customer-facing applications, internal tools, databases, APIs and testing suites.
- Internationalized Go projects in preparation for product launches in multiple countries.

Vastly, Inc., *Co-founder/Lead Developer,* July 2013 – present, http://govastly.com

- Developed a customized search engine targeted at the K-12 market using multiple open source projects. Solution combines traditional search engine functionality with Lexile measures. Allows students to perform searches such as, "find articles about trains written on a 4th-6th grade level."
- Built customer-facing Ruby on Rails application. Accepts subscription payments through Stripe's API. Implements unit and integration tests using RSpec and Capybara. Students can search, favorite, and rate links. Teachers and administrators can track student progress over time and manage their respective classroom, school, or district.
- Beta tested in January 2014 with several hundred middle school students in the Madison County School District of Huntsville, AL.
- Managed $35,000 as a winner of the Alabama Launchpad competition

CodeGuard, *Software Engineering Intern*, Atlanta, GA | March 2014 – August 2014

- Built Rails application with RESTful API to automatically configure a website for CodeGuard's backup service using Watir. Includes automated testing and failure notification systems.
- Documented and presented the design and application functionality to engineering team.
- Implemented API calls in core CodeGuard app and replaced old process for adding websites to CodeGuard.

SKILLS

Languages: Java, Python, Javascript, Ruby/Ruby on Rails, HTML, CSS

Technologies: Git, Bazel, MySQL, PostgreSQL, ElasticSearch, AWS, IntelliJ, Grafana, Lightstep