

# Rohan Shah

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## Education

**University of Pennsylvania** 2013-present  
Master of Science in Engineering in Computer and Information Science

**The College of New Jersey** 2009-2012  
Bachelor of Science in Computer Science

Cumulative GPA: 3.7 | Core GPA: 3.8

Thesis: *The Structured Retrieval of SGML Documents Using a Bayesian Network Model*

Upsilon Pi Epsilon (International Honors Society for Computing and Information Disciplines)

TCNJ Sophomore Computer Science Student of the Year (2010-2011)

Edward J. Bloustein Distinguished New Jersey Scholar

TCNJ ACM ICPC Team

**University of Oxford** Hilary Term 2011  
Oxford Study Abroad Programme

## Professional Experience

**RJMetrics, Software Engineer** 2012-2103

Built and improved features and tools used by our customers to create, analyze and verify data analytics and business intelligence from our product.

Worked mainly in PHP, AngularJS, Backbone.js, and MySQL but also in Node.js, Clojure, Python, and mongoDB at the production level.

Notable projects include: creating an intuitive, user-friendly sign-up and implementation process for new users to connect and describe their data (which yielded significant improvements to our conversion funnel), creating a client-facing tool for auditing and verifying the data displayed in a client's charts, and implementing a more flexible and extensible schema for defining connection information about clients' data sources.

Projects contributed significantly to include: building an interface for clients to manage the data replicated from their database into our data warehouse, improving our billing system (including migrating from Authorize.Net to Braintree), and building our data import API.

**Dow Jones and Company, Technology Internship** Summer 2011

Configured, tested, and debugged proof of concept solutions for company-wide deployments of products such as Microsoft Lync 2010, Windows Server 2008 R2: Active Directory, and Windows 7.

## Technical Skills

**Languages:** PHP, JavaScript (CoffeeScript), HTML, CSS (Sass), Python, Clojure, Java, C++

**Frameworks and Platforms:** AngularJS, Backbone.js, Node.js, Braintree

**Database Systems:** MySQL, mongoDB

**Tools:** Vim, Git, PHPUnit, Apache Ant, Jenkins, Redis, Active Record

**Web Tools:** GitHub, Trello, Fogbugz, Google Analytics, Pardot, HubSpot, Optimizely