

ZACHARY J. COLELLO

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EXPERIENCE

Software Engineer

June 2016–Present

Wayfair, LLC - Marketing Engineering, Tracking Team

Boston, MA

- Developing software in an agile environment for one of the largest e-commerce websites. Expanding our internal Scribe tracking service built on Java, Apache Kafka, and Hive/HDFS. Integrating our tracking service in PHP, Javascript, and SQL to accumulate and structure big data that guide marketing decisions. Several notable completed projects include:
 - Product Delivery: SQL Service Broker tracking to send email notifications to customers around the world when their products have been delivered, contributing to an increased 1.7 million dollars in monthly revenue.
 - Back In Stock: PHP storefront tracking for over 27,000 customers per day requesting email notifications when an item is back in stock, and SQL integration to trigger emails indicating that an item has become available.
 - Email Engagement: Tracking for over 750,000 site visits per day generated via email link click to provide insight into which email campaigns and product recommendations are most likely to increase conversions.

Web Developer

September 2015–May 2016

Rutgers University, UAA/SA IT Services

New Brunswick, NJ

- Developing and maintaining ASP.NET MVC applications in C# for Rutgers University staff utilizing Javascript, jQuery, and HTML/CSS with Bootstrap for the front end, and Microsoft SQL Server 2012 with LINQ and Entity Framework for the back end.

Information Technology Intern

June 2015–August 2015

The Robert Wood Johnson Foundation

Princeton, NJ

- Created a Document Library feature in Java using Spring Framework that allows staff to upload and organize media for an in-house grant application software. Utilized JavaServer Pages with HTML/CSS and Javascript for the front end, and Hibernate ORM and Oracle RDBMS for the back end.

Peer Leader

September 2014–May 2016

Rutgers University, Computer Science Department

New Brunswick, NJ

- Teaching weekly lectures for the Introduction to Computer Science course and mentoring up to 26 students per semester through assignment feedback and hosting office hours.

EDUCATION

Rutgers, The State University of New Jersey

Graduated May 2016

Bachelor of Science in Computer Science

GPA: 3.4

TECHNICAL SKILLS

Languages

Java, PHP, Javascript/jQuery, Python, C#, C

Frameworks

Backbone.js, ASP.NET, Flask, Bootstrap

Data

Microsoft SQL Server, MySQL, Kafka, RabbitMQ

Version Control

Git, Gitlab, Github, Mercurial, Bitbucket

IDEs

Intellij IDEA, Eclipse, PhpStorm, PyCharm, Visual Studio

Tools

Maven, Kibana/Elasticsearch, Grafana, AWS, Vim