

# ZACHARY J. COLELLO

148 Commonwealth Avenue ◊ Boston, MA 02116  
732-850-4671 ◊ zachary.colello@gmail.com ◊ zchry.me

## 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 and integrating our tracking service in PHP, Javascript, and SQL to accumulate and structure big data that guide marketing decisions. Several notable completed projects include:
  - Parcel Delivered: SQL Service Broker tracking that records over 87,000 product delivery updates per day to send email notifications to customers around the world.
  - 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 events indicating that an item has become available.
  - iOS/Android tracking: Expanding our tracking service to support mobile app tracking. Coordinating with mobile teams and manual testers to build out requested features for biweekly releases.
  - Kafka Command Line Utility: Performs actions on Kafka clusters to verify tracking information quickly and accurately.

### 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