

# Ryan Thomas Stull

[rstull1250@gmail.com](mailto:rstull1250@gmail.com)

New York City Metropolitan Area

[ryanstull.com](http://ryanstull.com) · [github.com/ryanstull](https://github.com/ryanstull) · [linkedin.com/in/rstull](https://linkedin.com/in/rstull)

## Experience

**Impact Inc**, New York, NY. **Big Data Engineer III**. September 2018 - Present

- Lead developer on project to re-implement business critical legacy system as spark streaming pipeline
- Implemented many new features leading to the successful re-platform of [Impact's Forensiq product](#) using Spark and GCP

**Bottomline Technologies**, Englewood, NJ. **Software Implementation Engineer**. August 2015 – September 2018

- Lead developer on project to integrate between Bottomline's and client's systems using Java and Spring
- Extended and customized cyber fraud monitoring software to meet client's requirements
- Introduced colleges to git, created and gave presentations, helped coworkers
- Developed tools to monitor Bottomline's systems and report health status
- Responded to and resolved support issues

**EvoXLabs**, Philadelphia, PA. **Hackathon Runner-Up**. April 2015

- Participated in hackathon to increase web accessibility
- Placed as runner-up for creating a browser plug-in that helps individuals with alexia/dyslexia read web pages

**Saint Joseph's University**, Philadelphia, PA. **Summer Scholar**. June 2012 – May 2015

"Testing a New Theory of Rheology." May 2013 – May 2015

- Used IDL and MATLAB to write [particle tracking software](#)
- Testing new theory which predicts rheological properties of non-Newtonian fluids via micro rheological probing of sample material

"Studying the Greenhouse Effect Using Computational Methods." May 2012 – May 2013

- Developed a computer model of the Earth's atmosphere using MATLAB
- Determined magnitude of Greenhouse effect as a function of Greenhouse gas levels via Monte Carlo simulation
- Presented findings to staff and invited guests at St. Joe's reception and at SigmaXi symposium

## Projects

**ScalaNullSafe** - <https://github.com/ryanstull/ScalaNullSafe>

- Macro based null-safety library for Scala 2
- Makes code null-safe while being easy to read and write and also efficient
- Easy to add maven dependency

## Certifications

[Functional Programming in Scala Specialization](#)

- [Functional Programming Principles in Scala](#), Apr 2017
- [Functional Program Design in Scala](#), Jun 2017
- [Parallel Programming](#), Aug 2017
- [Big Data Analysis with Scala and Spark](#), Sep 2017
- [Functional Programming in Scala Capstone](#), June 2018

## Skills

### Programming

Advanced: Scala, Java

### Languages

Proficient: Kotlin, Groovy

Familiar: Javascript, Matlab

### Technology

Proficient: Spark, SQL, Kafka, GCP, Spring framework core, Spring Batch & Integration, Hibernate

Familiar: Hbase, Impala, Kudu, Singlestore, docker, JMX, ActiveMQ, HTML, CSS, Sass, Jenkins/Teamcity

## Education

Saint Joseph's University, Philadelphia, PA

Bachelor of Science: Computer Science & Physics

### Education

Member of *Upsilon Pi Epsilon* international Computer Science honor society

### Honors

Recipient of Computer Science "Student of the Year Award"

Multiple time member of Dean's list