

Ryan Thomas Stull

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Experience

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

- 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 colleagues 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

Exelis Inc., Clifton, NJ. **Information Technology (IT) Intern**. June 2014 – August 2014

- Provided IT Support to staff at US defense corporation
- Performed many tasks such as PC building, imaging, and deploying, responding to service calls, and administrative tool development

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 Sigma Xi symposium

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 Languages

Advanced: Java, Scala
Proficient: Kotlin
Familiar: Groovy, Javascript, Matlab

Technology

Proficient: GCP, Spark, SQL, Spring framework core, Spring Batch & Integration, Git, Hibernate, Junit, ScalaTest
Familiar: maven, gradle, SBT, bash/zsh, docker, JMX, ActiveMQ, HTML, CSS, Sass, Teamcity

Education

Saint Joseph's University, Philadelphia, PA
Bachelor of Science: Computer Science & Physics

Education Honors

Member of *Upsilon Pi Epsilon* international Computer Science honor society
Recipient of Computer Science "Student of the Year Award"
Multiple time member of Dean's list