

# SAMUEL B. PAUL

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65 Saint Marks Pl. Apt 11 ◇ New York, NY 10003

## EXPERIENCE

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### **Docurated, Inc.**

*Head of Data Engineering*

March 2016 - Present

*New York, NY*

- Responsible for the design and implementation of Docurated's ETL and analytics system, which uses Kafka, Airflow, Spark, and Redshift to provide invaluable insight both internally and to our clients
- Incorporated Tableau into our product/pipeline to dramatically cut frontend development costs/times as well as give our clients infinite ways to interact with their data
- Improved Docurated's core search algorithm by including time-weighted user activity when ranking
- Interfaced with clients/customer success team to map out future features/requests

### **Docurated, Inc.**

*Full-Stack Developer*

December 2013 - March 2017

*New York, NY*

- Wrote code that runs across the entire Docurated stack, including web-based UIs, logic for backend document processing/updating solr clusters, and sync connector integrations (Dropbox, GoogleDrive, Salesforce, etc.)
- Performed significant rewrite of the Docurated desktop sync application (python) to add a frontend UI that was dynamic and customizable (react)
- Aided in the multi-team effort of moving (almost) all of our AWS services into Kubernetes

### **Bloomberg LP**

*Financial Software Developer*

July 2011 - December 2013

*New York, NY*

- Worked on the Fixed Income Pricing & Monitoring team
- Responsible for designing, creating, and maintaining Bloomberg terminal functions (new and old)
- Built and launched two functions, {FIW} and {URI}, which get over 2,500 client hits daily

### **Barclays Capital**

*Summer Intern*

June 2010 - August 2010

*New York, NY*

- Worked in the Fixed Income Exotics Development division
- Designed and implemented a Universal Risk Feed reconciliation tool
- Worked with traders to increase recon tool's usability and efficiency

## EDUCATION

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### **Massachusetts Institute of Technology**

*June 2011*

Bachelor of Science - Electrical Engineering & Computer Science

*Multivariable Calculus, Differential Equations, EECS 1, EECS 2, Algorithms, Computation Structures, Artificial Intelligence, Software Construction, Computer Graphics, Probabilistic Systems Analysis, Statistical Thinking and Data Analysis*

Bachelor of Science - Management (Concentration in Operations Research)

*Game Theory, Managerial Psychology, Optimization Methods in Management Science, Operations Management*

## SKILLS

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### **Languages/Frameworks**

Python, Ruby, Rails, Java/Scala, C++

### **Databases**

PostgreSQL, Redshift, Cassandra

### **Tools**

Airflow, Spark, Kafka, AWS, Kubernetes, Tableau