

**ALAN SUSA**   
**Data Engineer**

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|  | alansusa@email.com |  | (123) 456-7890 |  | New York, NY |

[LinkedIn](http://linkedin.com/in/alan-susa)

**WORK EXPERIENCE**

Data Engineer

**Consumer Reports**

May 2018 - current  New York, NY

Led the migration from Oracle to Redshift using Amazon Athena

and S3, resulting in an annual cost savings of $678,000 and an

increase in performance of 14%

**EDUCATION**

B.A.

Computer Science   
**University of Pittsburgh**

September 2010 - April 2014

Pittsburgh, PA

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|  | Designed and implemented a real-time data pipeline to process | | | **SKILLS** | |
| semi-structured data by integrating 150 million raw records from 30+ data sources using Kafka and PySpark | | | |
|  | Designed the data pipeline architecture for a new product that | | |  | Python |
| quickly scaled from 0 to 125,000 daily active users | | | |
|  | ETLs |
|  | Studied and revamped data dictionaries to include a more | | |
|  | SQL (Postgres, Redshift, MySQL) |
| robust history for developing consistency across domain Data Engineer  **Guardian Life Insurance Company** | | | |
|  | NoSQL (MongoDB) |
|  | Spark, Kafka |
|  | Airflow |
|  | AWS (Athena, Lambda, S3) |
|  | August 2016 - May 2018 |  | New York, NY |
|  | Maintained data pipeline up-time of 99.8% while ingesting | | |
| streaming and transactional data across 8 different primary data sources using Spark, Redshift, S3, and Python | | | |
|  | Automated ETL processes across billions of rows of data, which | | |
| reduced manual workload by 29% monthly | | | |
|  | Ingested data from disparate data sources using a combination | | |
| of SQL, Google Analytics API, and Salesforce API using Python to create data views to be used in BI tools like Tableau | | | |
|  | Communicated with project managers and analysts about data | | |
| pipelines that drove efficiency KPIs up by 26% | | | |

Data Engineer Intern

**Federal Reserve Board of Governors**

August 2014 - August 2016  Washington, DC

Built basic ETL that ingested transactional and event data from a web app with 12,000 daily active users that saved over   
$85,000 annually in external vendor costs

Worked with client to understand business needs and translate those business needs into actionable reports in Tableau, saving 17 hours of manual work each week

Used Spark in Python to distribute data processing on large streaming datasets, improving ingestion and speed by 67%

Supported implementation and active monitoring of controls and programs for precision and efficacy