

Jacob Johnston

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EXPERIENCE

Data Migrations Engineer

Dec. 2022 - Present

Neostella | Remote

Develop and test ETL procedures in SQL Server and Python to migrate client data from various databases and file systems into customizable data structures. Setup process automations in Python. Work with external clients and internal project managers to gather requirements, determine project timelines and pricing structures, and provide technical advice for data decisions.

Key Accomplishments:

- Assisted 9 law firms in migrating data for 500k+ client cases.
- Developed Python automation to reduce time spent on time-consuming, manual tasks.
- Created a process for transferring data between separately owned servers while maintaining all security preferences.

Data Migrations Engineer

Nov. 2021 - Dec. 2022

Filevine | Remote

Design, develop, and test ETL procedures in SQL Server to migrate client data from various databases and filesystems into customizable Filevine data structures. Work with external clients and internal project managers to gather requirements, determine project timelines, and provide technical advice for handling data transformation decisions and data anomalies.

Key Accomplishments:

- Assisted 8 law firms in migrating data for 100k+ client cases to Filevine.
- Developed script in Python to handle data update requests where API endpoints were not established.
- Helped write automated ETL scripts in SQL for common client systems to reduce the length of project timelines.

Manager of Healthcare Data Acquisitions

Feb. 2019 - Oct. 2021

Appriss, Inc. - An Equifax Company | Orem, UT/Remote

Managed a team of 5 researchers in extracting sanctions data from 1,100+ regulatory agencies every month. Ran quality checks on each researcher's work to ensure their processes were accurate and comprehensive. Used Excel and Python for rapid data retrieval, transformation, and load. Generated productivity reports using SQL and Power BI.

Key Accomplishments:

- Implemented a training system that increased productivity by ~90%.
- Reduced the number of errors to less than 1%.

Research Lab Manager

Mar. 2016 - Dec. 2018

Brigham Young University | Provo, UT

Led a team of 8 research assistants in surveying over 3,500 participants and conducting over 1,500 interviews for the 50th anniversary of the Life and Family Legacy longitudinal study.

Key Responsibilities:

- Organized and managed 50 years' worth of data on over 6,000 participants using various functions in Excel.
- Created presentations with data visualization to obtain funding for the project and increase study participation.

EDUCATION

University of Pennsylvania | Master of Science in Behavioral and Decision Sciences

Aug. 2021

Projects:

Programming and analysis project

- Used Python to collect, integrate, clean, analyze, and visualize data in order to determine the impact of COVID-19 on the 2020 U.S. Presidential Election.

Brigham Young University | Bachelor of Science in Psychology

Dec. 2018

SKILLS

Python | SQL | Microsoft Office | RPA | ETL | Data Analysis | Program Evaluation | Communication | Management