

EDUCATION

B.S. in Computer Science, Minor in Mathematics Rutgers University, New Brunswick	2021
A.S. in Computer Science Middlesex County College	2018

PROFESSIONAL EXPERIENCE

Data Engineer I DailyPay	2024 → Present
<ul style="list-style-type: none">Managed data pipelines for multiple product offerings using Snowflake, Hightouch, Fivetran, and Kafka Connect.Developed data models, materializations, macros, tests, and run hooks using dbt for consumption in Tableau and Metabase.Designed, implemented, and successfully launched the first on-demand pay (ODP) backed security in the history of the securitization industry with an initial valuation of \$213,000,000.	
Data Engineer II iCIMS	2022 → 2024
<ul style="list-style-type: none">Managed extraction, load, and transformation of client data from multiple products in Amazon Redshift, including the creation and maintenance of custom EL applications.Developed data models using dbt for consumption in Looker, generation of product KPIs, and pseudonymization, creating custom materializations, macros, and run hooks to facilitate scheduled dbt runs.Worked directly with clients and internal stakeholders to design data visualization dashboards using Looker.Led sprint planning, retrospectives, backlog refinement, and other Agile ceremonies for the data engineering team as Scrum master.	

PROJECTS

Capital Markets Asset Management System DailyPay	December 2024 → June 2025
<ul style="list-style-type: none">Created a data pipeline for the management of a \$213,000,000 ODP-backed security as well as an existing \$766,000,000 asset-backed loan, ultimately responsible for managing nearly \$1,000,000,000 in funding.Design and implementation received approval from investors, auditors, and the Securities Exchange Commission.	
S3 Object Encryptor iCIMS	March 2022
<ul style="list-style-type: none">Scalable and performant attribute encryption application for structured objects in S3, deployed with a maximum recorded throughput of over 16,000,000 records per minute.	
Document Management Service Remediation iCIMS	January 2024 → April 2024
<ul style="list-style-type: none">Full data pipeline deployment for a time-sensitive data remediation project, including the setup and teardown of serverless Redshift clusters in multiple deployment regions, dbt modeling, and custom EL solutions for Sumologic and CloudWatch.	

RELATED SKILLS

Languages: SQL, Python, Java, JavaScript

Software: Snowflake, dbt, Amazon Redshift, Fivetran, Hightouch, Kafka Connect, Terraform, Metabase, Looker, Visual Studio Code, Git, Docker, CloudFormation, FastAPI, Airbyte, Sumologic, Jenkins