

Annika Amlie

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904-704-5156

New York, New York

Skills & Certifications

AWS Certified Developer - Associate - August 2022

Hashicorp Certified - Terraform Associate (003) - January 2024

3+ years - Python, Git, SQL, Pandas, Spark, Neo4j, HTML, CSS, JavaScript

1-2 years - AWS, Scala, Bash, Java, C++, Kafka, Terraform, Jira, Jenkins

Patent Pending - Systems and Methods for Key Matching Using Ambiguous Data

Experience

JP Morgan Chase, Chicago, IL & New Jersey, NJ - *Software Engineer II* - July 2021 - Present

- Built cleaning, validation, and machine learning pipelines using Spark to ingest millions of records from 14 external vendors for an internal data application hosted on AWS
- Implemented the real-time distribution of the application's change log to global consumers by using AWS S3, SQS, Lambda and Gaia Kafka
- Spearheaded the design of a Python script that dynamically updates an RDS database via REST API calls to ensure the end user is viewing updated information in the application UI
- Pioneered the integration of a Terraform module that allows for fast and efficient data transfer from an external vendor's S3 bucket to JPMC's internal S3
- Designed RESTful APIs in Java to dynamically return company data from a Neo4j graph database
- Refactored the team's largest codebase to facilitate the implementation of Scala unit tests and increase readability

Fidelity National Financial, Jacksonville, FL - *Data Science Intern* - June 2020-September 2020

- Completed PoC project that surfaced public records data via the Neo4j graph database platform
- Performed feature engineering on MLS data to prepare for further analysis

Juni Learning, Remote - *Computer Science Instructor* - June 2020 - September 2020

- Taught Python, HTML, CSS, JavaScript and Scratch to children ages 8-14

Natural Life, Ponte Vedra Beach, FL - *e-Commerce Intern* - Summer 2018 & Summer 2019

- Strategized user interface improvements, led digital merchandising projects using Magento, and performed database management tasks for a nationwide retailer

Education

Northwestern University, Evanston, IL - *B.A. in Computer Science* - June 2021

Involvement

- JPMC Force for Good Participant - October 2021 - May 2022
 - Worked with team of engineers to integrate Wordpress and Salesforce for a non-profit's website
- JPMC Girls Who Code Committee Member
 - Coordinated a panel of early career female software engineers to share their experiences with the Girls who Code students
- JPMC Software Engineer Program Mentorship Committee Member
- Northwestern Peer Adviser - September 2018 - September 2019

Interests

Dance, live music, comedy, running my Etsy shop, and the Jacksonville Jaguars

Proficient in Spanish