Annika Amlie

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Skills & Certifications

Certifications - AWS Certified Developer Associate, Hashicorp Certified - Terraform Associate (003)
Programming Languages - Python, Scala, Java, HTML, CSS, JavaScript, Bash
Tools & Services - Spark, SQL, Pandas, React, Terraform, Kafka, Neo4j, SonarQube, Jira, Jenkins
Patent Pending - Systems and Methods for Key Matching Using Ambiguous Data

Experience

JPMorgan Chase & Co. - *July 2021 - Present*
Software Engineer II in Commercial Bank, New York, NY

- Built data validation and machine learning pipelines using Spark to merge millions of company records from 14 external vendors, providing bankers with a comprehensive view of client data
- Designed and implemented the distribution of application's change log to 50k+ global consumers by using AWS S3, Lambda, Kafka, and REST APIs, improving data delivery from weekly to real-time
- Pioneered the integration of a Terraform module that allows for efficient data transfer between an external S3 buckets and reduced data processing times by 90%
- Refactored the team's largest codebase to improve readability and implement Scala and Python unit tests, increasing code coverage by 60%
- Led AWS Cloud Practitioner trainings for 60+ engineers and managers and coordinated PyTest, Spark, and ScalaTest workshops for 10-20 developers

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

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

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

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

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

- Strategized and implemented digital merchandising initiatives using Magneto for a nationwide retailer

Education

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

Leadership & Volunteer

- 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 Girls who Code participants
- JPMC Software Engineer Program Mentorship Committee Member

Interests

Dance, live music, comedy, running my Etsy shop, and the Jacksonville Jaguars
Proficient in Spanish
Read more at https://avamlie.github.io