Jeffrey Asamoah

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[Personal Website](#) | [LinkedIn Profile](#) | [Github Account](#)

EDUCATION

New York University (NYU), New York, NY   GPA:3.26

- **Bachelors of Arts in Mathematics**   Graduation: May 2020

SKILLS

- Programming Technologies
  - Front End: HTML, CSS, Javascript, Typescript, Angular, React, NextJS
  - Back End: C#, Java, Kotlin,, C++, C, NodeJS, Scala, Ruby, Python
  - Mobile: React Native, Swift, Android
- Data Science: R, Spark, Airflow, NumPy, SQL, NoSQL

- Databases, Quicksight, Redshift
- Familiar With Agile Development, Jira
- AWS Services: S3, Lambda, EMR, RDS, EC2, MWAA, SQS, Cloudwatch, CloudFormation
- Programming Tools: AWS(CDK), Azure, Bash, Git
- Languages: Spanish(Proficient), Twi(Proficient)

PROFESSIONAL EXPERIENCE

Amazon, New York, NY   *Jan 2023-Present*

Software Developer Engineer II for DEX Prime Eligibility Team

- Created new data pipeline to rigorously determine if merchants should be eligible for prime benefits by evaluating both 3rd party and Amazon retail to a standardized set of thresholds
- Processed 200GB+ of data daily per marketplace across 10+ marketplaces in parallel to regularly gather data on sellers on amazon.com to determine their prime eligibility
- Orchestrated creation of datasets by using Apache Airflow, ensuring spark jobs are resilient and triggered in order

Amazon, New York, NY   *Nov 2021-Jan 2023*

Software Developer Engineer I for DEX-Prime Badging Team

- Lead peak-readiness in preparation for Prime Day in 2023 for the DEX-Prime team, overseeing system health to maintain 100% availability for our services and rendering 16+ Billion Prime Badges
- Consolidated logic responsible for leveraging prime badge from 12+ distinct programs into one centralized source of truth
- Enabled configurable lever to toggle prime badge suppression for slow offers between a dynamic and static speed threshold

Exiger, New York, NY   *Nov-2020-Nov 2021*

FullStack Engineer for Exiger Diligence Team

- Optimization of Report Generation Service, pre-populating information on reports to save analyst days on generating reports
- Expanded scope of information captured per subject of diligence and integrated information into APIs for reports to consume

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PERSONAL PROJECTS

Astoria Runners Website   *July 2024-Present*

- Created using Next to leverage a React-based front-end club members are familiar with combined with a typescript backend
- Integrates with Meetup API to create seamless reservations for new members to join events

Weather Server   *April 2023-Present*

- Self hosted on server using [Apache Airflow](#) to orchestrate data processing and Postgresql database to save results
- Aggregates data daily on weather conditions from various cities, then generates monthly reports with [Plot.ly](#)

TrainWatcher App   *July 2022-Present*

- Android app built using Android Studio in Kotlin
- Leverages GFTS data to pull real-time data on transit systems across several cities and generates maps with current positions

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EXTRACURRICULARS

Juni Tutor New York, NY   Sept 2023 - April 2024

- Tutored over a dozen students through entire courses of introductory python, java, and graphics courses

NYU Computer Science Tutor/ TA   *New York, NY Sep 2017-May 2019*

- Tutored 600+ students in Java and Python introductory level courses, projects, and interview problems