

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, SCSS, Javascript, Typescript, Angular, React, D3, Plotly
 - Back End: C# Java, C++, C, Node/Express.js
 - Mobile: React Native, Java, Swift, Kotlin
 - Scripting: Python, PHP, Bash
 - Data Science: Matlab, R, SQL(MySQL, Postgres, MongoDB), Knime, RapidMiner
 - Languages: Spanish(Proficient), Twi(Proficient)
 - Other Applications: Unity, Photoshop, Git
 - Familiar With Agile Development Cycle, Jira
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PROFESSIONAL EXPERIENCE

Exiger, New York, NY

Nov-2020-Present

FullStack Engineer for Exiger Diligence Team

- Lead optimization of Report Generation Service, allowing diligence analysts to leverage existing information and save days on the report writing process
- Expanded scope of information captured per subject and integrated information into APIs to further assist in research process

GEP, Clark, NJ

Jan 2020-Jul 2020

FullStack Engineering Intern for Invoice/Invoice Reconciliation Team

- Constructed an API for utilizing our AI-assisted OCR technology for reading scanned Invoices
- Analyzed and upgraded code from legacy Angular.js to Angular 5 to remove technical debt and ensure sustainability of code

Comcast, Denver, CO

May 2019—Aug 2019

DevOps Engineering Intern for Xfinity Fraud Management (XFM)

- Designed internal website for other teams to have concise information about the XFM team, allowing for other teams to more easily leverage our technologies
 - Implemented React.js-based timeline component for an accessible interface to track all events for any given suspected fraudulent device, improving transparency for what the XFM team does
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PROJECTS

Optical Character Recognition API

Jan 2020- Jul 2020

- Utilized .NET's asynchronous framework to concurrently run and process different HTTP calls for efficiency
- Created several API endpoints for other teams to retrieve data seamlessly
- Applied SRP code practices to keep functionalities separate and make the OCR API an independent project
- Designed unit-tests with mocking setup to isolate and analyze individual functionalities for each service

Personal Website

Nov 2019-Present

- Created using Next.js, a React-based framework which supports multiple pages, pre-rendering, and API routing
- Implemented smaller version of XFM timeline project using NYU tutor data over a 2 year timeframe
- Go [here](#) to see website and more information about myself

Xfinity Fraud Management Device Timeline

Jun 2019—Aug 2019

- Uses React.js and D3 libraries to create a timeline listing all events to devices marked as potentially fraudulent
 - Ingests in data from Cassandra database using REST endpoint to dynamically populate results based off filters
 - Built compact UI with several filters to reduce clutter and simplify information
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EXTRACURRICULARS

NYU Computer Science Head Tutor and Coordinator, New York, NY

Sep 2017-May 2019

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