

# Jeffrey Asamoah

NYC Area | ja3180@nyu.edu | (914)-224-6241

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

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## EDUCATION

New York University (NYU), New York, NY

GPA: 3.26

- **Bachelors of Arts in Mathematics**

Graduation: May 2020

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## SKILLS

- Programming Technologies
    - Front End: HTML, CSS, SCSS, Javascript, Typescript, Angular, React, D3, Plotly
    - Back End: Java, C#, C++, C, Node/Express.js
    - Mobile: React Native, Java, Swift
    - 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

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

Laguardia Studio, New York, NY

Jul 2017—Sep 2018

### Computer Engineering Intern

- Reformatted appointment system utilizing google services API and Java-based GUI to store information of 300+ clients as well as store information in database for new clients
  - Cooperated with team of 4 student staff and employees to expedite scanning, 3D modelling, and printing of mask of face transplant donor to finish ahead of schedule
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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