

Jeffrey Asamoah

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EDUCATION

New York University (NYU), New York, NY

GPA: 3.26/4.00

- **Bachelors of Arts in Mathematics**
 - Dean's List for Academic Year of 2016-2017, 2017-2018
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Graduation: May 2020

SKILLS

- Programming Languages:
 - Expert: Java, C, Python, Javascript, C#
 - Proficient: C++, Typescript, Matlab, SQL, R
 - Familiar: Assembly, Swift, LaTeX, PHP
 - Web Technologies: HTML, CSS, Node.js, Express, Angular.js, Angular5, React.js, Next.js, D3 Libraries
 - Languages: Spanish(Proficient), Twi(Proficient)
 - Mobile Technologies: Android Studio, React Native
 - Data Science Technologies: R Studio, Knime, RapidMiner, MySQL, Postgres, MongoDB
 - Other Applications: Unity, Photoshop, Microsoft Office, Plotly, Git, Unix-like Terminal, MS-DOS,
 - 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

- Collaborated with senior level engineers to construct an API for utilizing our AI-assisted OCR technology for reading scanned Invoices
- Examined differences between old Angular.js and new Angular5 platforms on our front-end website to properly migrate to new technologies

Comcast, Denver, CO

May 2019—Aug 2019

DevOps Engineering Intern for Xfinity Fraud Management (XFM)

- Designed forward-facing website for other teams to have concise information to the technologies, information, and services the XFM team provides
- Implemented React.js-based timeline component for an accessible interface to track all events for any given suspected fraudulent device
- Drafted web-based component for proposed user-oriented identity theft platform

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

GEP OCR 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

XFM 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