

RASHEL ROJAS

New York, NY 11103 | (347) 251-5240

rdr2139@columbia.edu | www.linkedin.com/in/rashelrojas | <https://github.com/rashelrr>

SUMMARY

Proven programming skills in frontend and backend development with a strong foundation in Java and Python through professional work experiences and programming courses.

EDUCATION

Columbia University

New York, NY

Bachelor of Science in Computer Science

May 2023

- GPA: 3.45
- Relevant Coursework: Data Structures in Java, Intro to Python, Advanced Programming in C, Operating Systems, Intro to Databases, Computer Science Theory, Fundamentals of Computer Systems, Linear Algebra, Discrete Math, Multivariable Calculus

TECHNICAL SKILLS

Programming Languages: Java, Python, C, MySQL, Slang, Go, Flask, JavaScript, HTML, CSS, LaTeX

Software/Tools: Git, UNIX, Neo4j, MongoDB, VMware, OpenShift Container Platform

PROGRAMMING EXPERIENCE

Goldman Sachs

June 2021 – August 2021

Engineering Summer Analyst, Global Markets Division

Dallas, TX

Global Credit Technology Team

- Optimized storage system of a pre-trade analysis tool called Troodon, which generates and stores Bond Analysis Worksheets (BAWs) into a local folder used by the CLO Secondary Trading desk of 15 traders
- Created a Procmon script in Slang (GS proprietary language) to transfer BAWs older than 2 years from local to cloud storage in Goldman Sachs' main cloud storage system, OBS2
- Successful in freeing up hundreds of gigabytes of space, which came at a crucial time considering local storage was at 90% capacity and the recent uptick in CLO trading

GMD Managed Data Services Team

- Enhanced Goldman Sachs [Marquee Data](#) APIs to provide new API parameter to allow clients to filter assets from their composite asset collections using Java, Vert.x, IntelliJ, and Gitlab
- Learned about financial data referencing and cross identifiers

Red Hat

May 2020 – August 2020

Software Engineering Intern, Middleware Integration Team

Boston, MA

- Worked under Babak Mozaffari on a team of 13 software engineers on the development of OpenShift / Kubernetes operators for Red Hat and upstream open-source products
- Implemented CR/CRD validation and ConsoleLink creation for 5 operators (3scale, Teiid, Apicurio, Hawtio, Syndesis) using Go and verified operator deployment via the OpenShift Container Platform

PROJECTS

Social Movement Tracker, Google Software Product Sprint

February 2021 – May 2021

- Collaborated with a team of peers to design and implement an informational web application that serves as a community-made resource guide on current social movements using Java, JavaScript, HTML and CSS over the course of 10 weeks, leveraging various Google Cloud Platform APIs, including App Engine and Datastore
- Worked on backend development to allow users to submit new social movements to be displayed on our website, and pull top tweets for each social movement using the Twitter API and Twitter4J library

ORGANIZATIONS

Rewriting the Code

June 2020 – Present

Member

New York, NY

- Program that provides career development programming, mentorship, and networking opportunities to college women pursuing computer science and other engineering majors