

RASHEL ROJAS

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EDUCATION

Columbia University

Bachelor of Science in Computer Science

New York, NY

May 2023

- GPA: 3.5
- Honors: Dean's List
- Coursework: Data Structures in Java, Intro to Python, Advanced Programming in C, Analysis of Algorithms, Clean Object-Oriented Design in Java, Intro to Databases, Operating Systems, Multivariable Calculus

TECHNICAL SKILLS

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

Software/Tools: Git, Postman, Docker, OpenCV, Neo4j, MongoDB, VMware, OpenShift Container Platform

PROGRAMMING EXPERIENCE

Major League Hacking Fellowship

Jun 2022 – Aug 2022

Production Engineering Fellow (Meta)

Remote

- Completed 12-weeks of structured curriculum-based learning covering core Production Engineering topics, supplemented with events/workshops hosted by industry experts
- Created an open-source personal [portfolio website](#) template using **Python, MySQL, Jinja, Flask, JavaScript, Docker, Nginx**, and unittest with automated testing and deployment workflows using **CI/CD**
- Set up system and container monitoring, alerting, and visualization using **Prometheus** and **Grafana**

Goldman Sachs

Jun 2021 – Aug 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 – Aug 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

COMS W4735: Computer Vision Course, Final Project

Apr 2023 – May 2023

- Built a program to create Google Calendar events given photos of flyers using **Python, OpenCV, Pytesseract**

Latin Music Networking App

Jun 2022 – Aug 2022

- Developed backend API for a Latin music networking app using **Django, Python, MySQL**, and **Postman**

Social Movement Tracker | Google Software Product Sprint

Feb 2021 – May 2021

- Collaborated with a team of peers to design a [web application](#) that serves as a community-made resource guide for ongoing social movements using **Java, JavaScript, HTML/CSS** over the course of 10 weeks, leveraging various **Google Cloud Platform** APIs, including **App Engine** and **Datastore**
- Implemented the backend to allow users to submit new social movements and to pull popular tweets related to each social movement using the **Twitter API** and Twitter4J library