

Education

GPA: 3.67 **Baruch College - Zicklin School of Business**, *M.B.A*, Dec 2024, .

GPA: 3.53 **Brooklyn College**, *B.S*, May 2019, *Computer Science*.

July 2018 - **CUNY Tech Prep**, *Year long technical and professional development program*, Focus: ReactJS, NodeJS, MySQL, Technical Communication.

MBA Courses Corporate Finance, Strategy and Competitive Advantage, Managing People and Organizations, Strategic Business Communication, Managing Creativity and Innovation in Startups and Corporations

BS Courses Data Structures, Algorithms, Object Oriented Programming, Operating Systems, Design & Implementation(Java), Database Systems(SQL), Advanced C++, Artificial Intelligence

Skills

Languages Python, Java, PHP, Lua, Ruby, SQL, C++, HTML/CSS, JavaScript, Kotlin, Typescript

Technical Skills System Design, AWS SDK, Spring Boot, React, Git, RESTful API dev, Server Driven UI dev, Jenkins, Grafana, GCP SDK, Log4j, JPA/JDBC, PostgreSQL, Cassandra, GraphQL, Comdb2, Memcached

Leadership Skills Written and Verbal communication, Engineering Mentorship, Requirements Gathering, Project Planning, System Design

Professional Experience

Jan 2023 – **Bloomberg**, *Senior Software Engineer* , Bloomberg Indices, Bond Data Platform.

- Present
 - Designed and built a system to automate the retrieval and calculation of Gross Domestic Product and Fiscal Strength for 214 countries; used in plethora of Bloomberg's Fixed Income Indices
 - Led migration of European ABS Indices, with 47 bond fields, from legacy C Sharp system to Lua/Python/C++ based system; Organizing resources from 8 teams to complete under aggressive timelines
 - Designed data ingestion system (Python) to retrieve and perform computations on 5000+ treasury notes per month from the US treasury.
 - Created 5+ documents on software systems to teach and guide 16+ engineers and 4+ people managers on how the systems we own work and why

Jan 2022 – **Amazon**, *Software Development Engineer II*, Amazon Ads, Shopper Panel App.

- Jan 2023
 - Mentored fellow engineers on best practices and career growth through code reviews and coffee chats
 - Leveraged trigger automation, time automation, and event streaming to design and build 4+ systems that could scale to customers' needs
 - Built cloud infra (AWS CDK) with secure communication(AWS PrivateLink) for 9 AWS accounts to abstract backend systems from mobile app infra.
 - Productionized 2 computer vision algorithms (Opencv) for receipt validation workflow to detect blur and generate visual annotations on receipt images

Sept 2020 – **Etsy**, *Software Engineer II*, Buy on Etsy App, Updates.

- Jan 2022
 - Interviewed, onboarded, and mentored 3 engineers so they could quickly contribute to Etsy engineering
 - Designed and built 10+ new features for the Buy On Etsy mobile app using Server Driven UI dev to increase GMS and app revisit rate
 - Created over 3 graphs and 5 tests per feature to give me and my team confidence in the correctness, validity, and performance of my work
 - Led initiative for reranking in-app updates on Etsy's mobile app and website to successfully increase revisit rate and GMS

June 2019 **Etsy**, *Software Engineer I*, Buy on Etsy App, Continuous App Progression.

Extracurriculars

June 2024 – **Echo Chamber**, www.getechochamber.com .

- Present
 - Designed and built AI-based Chrome extension that helps break people out of online echo chambers

Jan 2024 **Florence and Robert A. Rosen Family Foundation Real Estate Case Competition**, *1st place* .

- Created and presented technical strategy and implementation plan to solve emergency management in condos and co-ops

Jan 2022 – **Pod Rank**, www.podrank.co .

- Present
 - Designed and built AI-based web app (React) to help podcast listeners get deep insights into podcast episodes BEFORE they press play