

Education

- GPA: 3.66 **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 Investment Analysis, Corporate Finance, Strategy and Competitive Advantage, Managing People and Organizations, Strategic Business Communication, Data-Driven Marketing, Business Consulting
- 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 .
- Jan 2024
- Designed and built AI-based web app (React) to help podcast listeners get deep insights into podcast episodes BEFORE they press play