Mohini Vembusubramanian

151 N. Michigan Avenue, Apt 1211 | Chicago, IL 60601

(203) 417-7989 | mvembusu@ChicagoBooth.edu

EDUCATION

THE UNIVERSITY OF CHICAGO BOOTH SCHOOL OF BUSINESS
THE UNIVERSITY OF CHICAGO DEPARTMENT OF COMPUTER SCIENCE   Chicago, IL
Master of Business Administration and Masters in Computer Science Joint Degree Program   *Sep 2023 – present*
- Concentration in Operations Management
- Booth Technology Group, Booth Healthcare Group, Booth Racquets Club

UNIVERSITY OF CALIFORNIA, LOS ANGELES   Los Angeles, CA
Bachelor of Science in Statistics, Bachelor of Arts in Economics   *Sept 2014 – June 2018*
- Graduated Magna Cum Laude (GPA: 3.8) and made it on Dean's Honors List 10/12 quarters. 2017 Sharpe Fellow.
- President of the campus club tennis team with 150+ members. Allocated +$15,000 budget, coordinated National Semi-Finalist competitive team, and managed an officer team on club operations and growth.
- Won Best Health at Hack Arizona 2018 for an app that managed eye strain with screen usage.

EXPERIENCE

ALTO PHARMACY   San Francisco, CA
Senior Product Analyst   *Sept 2022 – June 2023*
- Managed pharmacist team on intraday work allocation, staffing optimization, and queue prioritization to reduce operational costs by ~$2 million / year. Developed product requirements proposal to automate this process and convinced senior leadership to add to the upcoming roadmap.
- Designed and led team of junior Analysts on engineering suite of data models to support initiative to consolidate patient shipments. Insights from the data models guided the initial product roadmap and led to 100% relative increase in program enrollment and ~8% relative improvement in shipment consolidation.

Product Analyst IV   *Oct 2021 – Sept 2022*
- Proactively analyzed a negative trend for an external business partner representing 20% of the business, communicated drivers with senior leadership, and prioritized solutions with the cross-functional team to quickly reverse trends and retain partner's business.
- Recommended key product requirements, defined and developed metrics, and assessed impact for new app flow that enabled fertility patients to self-process their medications while limiting medication waste, resulting in 25% absolute increase in automatically processed prescriptions and 67% relative reduction in cost of care.

Product Analyst III   *Sept 2020 – Oct 2021*
- Partnered with commercial stakeholders to design and implement a categorization algorithm to identify treatment patterns of patients, resulting in a more targeted sales strategies with partner fertility clinics and 40% relative growth in shipments.
- Coordinated Alto's presence at DEI conferences such as Grace Hopper, Techqueria, and Blacks in Technology.
- Won internal company hackathon and received an award for embodying cultural values.

ANALYSIS GROUP   Los Angeles, US
Senior Analyst   *July 2020 – Sept 2020*
- Managed teams on analysis execution and case strategy, conducted R training classes for newly hired Analysts, and led professional development seminars for 40+ Analysts.

Analyst   *Sept 2018 – June 2020*
- Used inverse probability weighting and bootstrapping methods to highlight improved economic outcomes when the client's drug was used to prevent disease progression in patients (publication 1 below).
- Determined health resource utilization and costs for patients with hemophilia A using claims data to highlight disease burden and market opportunity for client's drug (publication 2 below).

ADDITIONAL

- The Impact of Progression on Healthcare Resource Utilization and Costs Among Patients with High-Grade Non-Muscle Invasive Bladder Cancer After Bacillus Calmette-Guérin Therapy: A Retrospective SEER-Medicare Analysis, Advances in Therapy, 2020.
- Health care costs and resource utilization among commercially insured adult patients with hemophilia A managed with FVIII prophylaxis in the United States, Journal of Managed Care and Specialty Pharmacy, 2022.