# MOHINI VEMBUSUBRAMANIAN

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## EDUCATION

**THE UNIVERSITY OF CHICAGO BOOTH SCHOOL OF BUSINESS**  Chicago, IL
**THE UNIVERSITY OF CHICAGO DEPARTMENT OF COMPUTER SCIENCE**  *Sep 2023 – Jun 2025*
*Master of Business Administration and Master of Science in Computer Science, Joint Degree Program*
- Coursework in Pricing Strategies, Generative AI, Unix Systems, Financial Statement Analysis, and Applied Data Analysis
- Co-Chair of 400+ member Booth Technology Group, Co-Chair of 60+ member Booth Racquets Club
- Finalist among 20 other teams in Perlexity AI Product Competition

**UNIVERSITY OF CALIFORNIA, LOS ANGELES**  Los Angeles, CA
*Bachelor of Science in Statistics, Bachelor of Arts in Economics*  *Sep 2014 – Jun 2018*
- Magna Cum Laude (GPA: 3.8); Dean's Honors List; Built desktop app to win Best Health at Hack Arizona 2018

## EXPERIENCE

**NIKE INC.** - *worked on product team responsible for deploying inventory from distribution centers to stores*  Beaverton, OR
*Product Management Graduate Intern*  *June 2024 – Aug 2024*
- Identified low-lift data integration to provide delivery dates of inventory to stores and presented recommendation to senior leadership team, enabling 65% reduction in stockroom labor forecasting error rate and $30M in annual profits
- Developed proof of concept solution to determine and validate proposed logic requirements by interviewing store coaches, mapping existing systems based on input from engineers across 4 product teams, and conducting exploratory data analysis

**ALTO PHARMACY** - *full-service digital pharmacy offering same-day delivery (Series E)*  San Francisco, CA
*Senior Product Analyst*  *Sep 2022 – Jun 2023*
- Established product roadmap by interviewing 10 pharmacists, analyzing arrival patterns, and synthesizing cross-functional feedback to automate prioritization of 50K daily processing tasks, saving $1M / $16M annual operational costs
- Prioritized features, defined instrumentation with engineers, built KPIs, and analyzed experiment for MVP app flow for fertility patients, increasing app-usage from 0% to 60% and automation from 0% to 25% and reducing patient care costs by 67%
- Created 4 performance management KPIs and launched new data visualization tool for 150 frontline staff to optimize prescription processing, reducing processing time by 44% and growing same-day order rate by 35%

*Product Analyst IV*  *Oct 2021 – Sep 2022*
- Specified analytics logic, segmented into 20 engineering tasks, and ran sprints for 6 weeks for data scientist team to build data models used to identify product initiatives to consolidate medications into fewer shipments, improving delivery efficiency by 8%
- Spearheaded root cause analysis of unexpected 2x cost increase for largest business partner (20% of revenue) and discovered and resolved design flaw allowing for patient app misuse, stabilizing costs within 2 weeks and retaining the partner's business

*Product Analyst III*  *Sep 2020 – Oct 2021*
- Gathered requirements and performed exploratory analyses to design and implement a categorization algorithm to identify treatment patterns of patients, resulting in a more targeted sales strategy with partner clinics and 40% shipment growth
- Managed event registration and logistics and coordinated cross-functional participation for Alto's presence at DEI conferences such as Grace Hopper, Techqueria, and Blacks in Technology, garnering participation from 25% of the technology organization
- Awarded Alto's Patients Come First award from senior leadership among 20 nominees for embodying company cultural values

**ANALYSIS GROUP** - *economic consulting firm supporting litigation and health economics research*  Los Angeles, CA
*Senior Analyst*  *Jul 2020 – Sep 2020*
- Drove case strategy in collaboration with with expert witness and client, proposed analysis design, and oversaw 3-Analyst case team on execution, empowering hospitality client to validate financial benefit of $1 million marketing program
- Led R training classes for ~20 newly hired Analysts and professional development seminars for 40+ Analysts

*Analyst*  *Sep 2018 – Jun 2020*
- Determined success metrics for economic and health outcomes and implemented statistical analyses to prove improved KPIs when the client's drug was used to prevent disease progression, supporting the client's FDA approval (publication 1 below)
- Coded patient identification algorithm, introduced an automated data visualization tool adopted by other case teams, and convinced client to continue R&D investment in developing a drug for patients with hemophilia A (publication 2 below)

## ADDITIONAL

**Tennis**: President of UCLA's club tennis team with 150+ members, allocated +$15,000 budget and managed an officer team on club operations and growth; Captained USTA adult leagues in San Francisco
**Technical Skills**: SQL, Python, C / C++, R, HTML / CSS, SAS, Looker / Tableau, dbt, Microsoft 365, Asana / Jira, Adobe Analytics
**Personal Website:** http://mohvem.github.io; Learned HTML / CSS to design and build website detailing interests and projects
**Publication**: 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 (2020)
**Publication**: Health care costs and resource utilization among commercially insured adult patients with hemophilia A (2022)