

Education

Dartmouth College	Hanover, NH
<i>Master of Engineering Management (MEM)</i>	Sep 2024 - Dec 2025
Coursework: Data Analytics, Product & Platforms Management, Strategy, Ops Management, Statistics, Marketing, Accounting & Finance	
University of Mumbai	Mumbai, India
<i>Bachelor of Engineering in Computer Engineering (CGPA: 3.92)</i>	Aug 2020 - May 2024
Coursework: Data Mining & Business Intelligence, AI & ML, NLP, Quantitative Analysis, Python, SQL, Data Structure & Algorithms	

Skills & Achievements

Programming Languages: Python, SQL, R, VBA, HTML/CSS
Data & Analytical Methods: Forecasting, Regression, Statistical Analysis, Data Modeling, KPI Tracking, Root Cause Analysis, Data Cleaning
Tools: Power BI (DAX), Tableau, Excel (Advanced), ETL, JIRA, Hadoop, Salesforce, Azure DevOps, Notion
Cloud Platforms & Databases: AWS, Azure, GCP, PostgreSQL, MySQL, MongoDB, Snowflake, Oracle
Leadership & Involvement: Represented Dartmouth at Society of Women Engineers (SWE) in New Orleans to foster connections with global companies and future women leaders in tech; Volunteered at U&I Trust and Live Green Foundation; Cultural Secretary (2022-2023)

Work Experience

Product Analyst (Student Consultant) SynchroHealth, Hanover, NH	Sept 2025 - Dec 2025
<ul style="list-style-type: none">Collaborated with the founding team of a health tech startup to conduct product and user analysis for a Bluetooth enabled resistance band used in at home physical therapyConducted in-depth market and data analysis across PT clinics, athletic programs, and hospitals to evaluate adoption potential, identifying \$20M+ in high-ROI market opportunitiesDeveloped pricing models and a GTM roadmap through competitor benchmarking to strengthen investor readiness	
Financial Data Analyst Intern The University Financing Foundation, Atlanta, GA Jun 2025 - Sep 2025	
<ul style="list-style-type: none">Engineered an AI-powered tool integrating content scraping, keyword extraction, zero-shot NLI scoring, and summarization, automating federal program research, reducing effort by 75%, and saving \$2,700 per intern cycleValidated and cleaned university datasets from IPEDS, HERD, and scholarship sources using SQL and Python (Pandas, NumPy) to ensure data accuracy and consistencyBuilt an interactive Power BI dashboard using DAX and SQL to visualize KPIs such as enrollment trends, tuition fees, scholarships, and research expenditures, improving reporting reliability by 40%Supported financial underwriting of universities by analyzing audited statements, liquidity ratios, and credit ratings to assess institutional health and guide investment strategies	
AI Strategy & Market Intelligence Consultant Schneider Electric, Arlington, VA Mar 2025 - June 2025	
<ul style="list-style-type: none">Built a LangChain powered RAG pipeline using the OpenAI API to automate classification and summarization of high-volume text datasets, improving processing efficiency by 65% and reducing recurring manual analysis effortImplemented inference optimization and caching mechanisms for faster retrieval of outputs, reducing end-to-end latency by 40% and enhancing system throughputIntegrated LangChain generated text analytics outputs into dashboards, enabling scalable reporting and reliable performance under high volume data loads	
Product Manager Intern HVD Life Sciences, UAE Mar 2021 - Feb 2022	
<ul style="list-style-type: none">Collaborated with a team to analyze 130,000 newborn screening tests to identify bottlenecks and quality gaps, improving testing accuracy and turnaround time and contributing to public health outcomes, saving 2,400 livesAnalyzed workflow metrics and used Kanban to streamline cross functional processes, improving operational efficiency by 20%Used Excel functions and SQL queries to analyze diagnostic data, improving visibility into testing performance and streamlining process optimization effortsManaged a team of 4 to develop data backed recommendations that improved accessibility and operational efficiency of diagnostic testing, earning recognition from the UAE Ministry of Health for public health impact	
Projects	
Digital Marketing Strategy & Cost Optimization Project PowerBI, Google Analytics, Excel Sep 2024 - Dec 2024	
<ul style="list-style-type: none">Performed SWOT analysis and A/B testing across 30+ marketing campaigns for the American Energy Society to identify key performance drivers and validate optimization strategies, increasing CTR by 20% and reducing operational costs by 30%	
Histopathological Grading of Epithelial Dysplasia Python, Scikit-Learn, Flask, OpenCV, React Aug 2023 - May 2024	
<ul style="list-style-type: none">Executed an ML model analyzing over 3,000 images to accelerate oral pre-cancer diagnosis, reducing turnaround time from 48 hours to under 2 hours and improving accuracy, with findings published in the International Journal of Applied Information Systems	