

# Moraldeep Sachdeo

San Francisco Bay Area, CA | [moraldeepsingh@berkeley.edu](mailto:moraldeepsingh@berkeley.edu) | +1(510)-646-7721 | [Linkedin](#) | [Technical Publications](#)

## SUMMARY

Working professional with 5+ years of experience in Business Analytics, Operations & Product management looking for exciting Opportunities to solve complex problems and build amazing products by leveraging analytics

## SKILLS

- Technical Skills: SQL, Python (NumPy, Pandas, sklearn, matplotlib), R, Tableau, Power BI, ETL Development, Data Pipeline & Feature Engineering, Snowflake, QlikView, Advanced MS Excel (Vlookup, Pivot Tables, Macros), Machine Learning, Statistical Analysis, Risk Modelling, Predictive Modeling
- Project Management: JIRA, Confluence, Microsoft Projects, Agile Methodologies, Program/Product Management, Product Strategy
- Business Skills: Go to Market Research, Pricing Strategy, Product Roadmap Development, Stakeholder Management, Vendor Negotiations, Lean Six Sigma, Inventory Management, Supply Chain Optimization, Demand Planning, Revenue Forecasting, SCRUM, Kanban

## PROFESSIONAL EXPERIENCE

### Micron Technology Inc, San Jose

July 2022 - Present

Senior Program Manager | Digital Transformation, Innovation & Analytics

- Led development of a new feature in the supplier database that allowed vendor interactions. The feature allowed vendors to submit quotes and track their progress more easily, which resulted in a 10% reduction in the time it took to process quotes.
- Collaborated with Data scientists and Business leads to develop predictive Capabilities (lead time, cost, risk) used for improving vendor selection and negotiations, which resulted in a 5% reduction in the cost of new projects.

### Western Digital Inc, San Jose

Mar 2021 - July 2022

Program Manager | Supply chain & Analytics Centre of Excellence

- Revamped the ecommerce product tracking feature using intuitive Tableau dashboard to monitor last mile supply chain data, effectively identifying bottlenecks and driving process enhancements that achieved a remarkable 25% reduction in lead times.
- Led product segmentation & market research analysis to optimize product offerings, resulting in better planning of capacity by linear optimization.
- Led the implementation of a demand forecasting Machine Learning model that improved forecasting accuracy by 15% and reduced stock outs by 10% resulting in a cost-effective supply chain.

### Volvo Cars, San Francisco

Jan 2020 - Aug 2020

Product Management intern | Autonomous Car Division

- Led a project to improve pedestrian detection technology, implementing machine learning algorithms and computer vision techniques to enhance accuracy and reliability
- Spearheaded the development of a real-time warning feature for pedestrian detection, enabling the vehicle to proactively alert drivers and trigger collision avoidance mechanisms in critical situations.

### Beam Solutions, San Francisco

Aug 2019 - July 2020

Data Science intern | Fraud Detection Division

- Designed and engineered NLP powered data pipeline, converting unstructured text corpus data into tokenized, model-ready data ultimately fed to ML Models to identify malicious or fraudulent financial activity via sentiment analysis

### Imarticus Learning Pvt Ltd, India

Jan 2019 - July 2019

Technical Program Management Intern | Sales & Marketing Division

- Part of a cross-functional team to optimize video discovery on the Imarticus Learning platform, using A/B testing and machine learning algorithms to achieve a 12.5% increase in CTR.
- Managed the implementation of an automated multi-tagging system, which significantly enhanced user engagement and sales conversions

### Mercedes Benz India Pvt Ltd, India

Dec 2017 - Dec 2018

Operations Engineer

- Facilitated cross-functional collaboration between engineering, product, logistics and operations teams to ensure timely and successful product launches and reduced time to market by 15%.
- Devised and executed plans to monitor manufacturing defects on cars and create a feedback loop between stations, which guaranteed that required quality standards and led to a 20% reduction in customer complaints.

## EDUCATION

UNIVERSITY OF CALIFORNIA BERKELEY (3.8/4) (2019-2020)

Masters in Operations Research

VELLORE INSTITUTE OF TECHNOLOGY, VIT Vellore, India (4/4)

Bachelors in Supply chain Management