

WORK EXPERIENCE

Tesla

Manager, Technical Programs

Lathrop, CA

August 2023 – Present

- Own end-to-end operating strategy for NPI, Industrial Engineering, and Production Planning for the Megapack platform, spanning capacity, labor, automation, and cost structure while leading 30+ team members
- Led a \$23M capacity investment portfolio across 50+ initiatives, increasing annual output 8% and generating \$156M incremental annual profit
- Built predictive capacity, labor, and cost models (Python, Tableau) that unlocked 56% capacity gains and reduced unit costs 26%, informing executive automation and footprint decisions
- Delivered \$260M in annualized cost savings through cross-functional NPI cost-down initiatives across materials, labor, and suppliers
- Drove organizational redesign and succession planning to enable multi-site leadership, creating autonomous planning and execution systems that operate without daily oversight
- Re-architected headcount and workforce planning into a self-service, audited model, reducing headcount 2.4% (75 roles), saving \$7.5M YoY, lowering LOHD ~3%, and increasing output 10.8%
- Led production planning strategy to mitigate \$550M in projected tariff exposure, optimizing build plans, configuration changeovers, and FTZ/bonded warehouse deployment

Waymo

Strategy & Ops Manager

Mountain View, CA

October 2022 – May 2023

- Partnered with functional leads across Engineering Operations to identify operational bottlenecks and implement process and tool improvements, driving higher accuracy and throughput in scenario evaluation and test operations
- Program-managed annual planning, OKRs, Quarterly Business Reviews, and operating reviews for Engineering Ops, aligning team execution with organizational goals and resource plans
- Owned cross-functional strategic initiatives from definition through execution, coordinating Product, Legal, and Engineering to deliver outcomes in a highly ambiguous, safety-critical environment
- Built structured program frameworks, dashboards, and tracking mechanisms to synthesize complex technical inputs, prioritize investments, and improve decision velocity for leadership

Apple

Strategic Operations Program Manager

Cupertino, CA

June 2021 – June 2022

- Scaled global iPhone operations to deliver 293% YoY unit growth (4.3M → 16.9M) and 4x revenue growth (\$2B → \$10B) through capacity expansion, supply chain optimization, and production planning
- Owned the end-to-end launch of iPhone manufacturing in India, including site selection, line qualification, engineering builds, and ramp to mass production while meeting Apple quality and timeline standards
- Expanded India-manufactured iPhone exports from 6 to 40+ countries, establishing a durable second-source supply chain and reducing geopolitical and concentration risk

Tesla

Program Manager, Special Projects

Fremont, CA

June 2018 – June 2021

- Led Vehicle Operations and Production Planning across multiple manufacturing shops, enabling the Fremont factory to reach and sustain maximum run rate for Model 3 and Model Y
- Program-managed Project Roadrunner (4680 battery cells), coordinating engineering, production, and NPI teams to scale pilot manufacturing and deliver a production-ready platform showcased at Tesla Battery Day
- Designed and launched a \$3.5M/month logistics platform (“Warehouse on Wheels”), owning vendor strategy, contracts, and execution to ensure uninterrupted battery pack and drivetrain flow during rapid scale

EDUCATION

University at Buffalo

Bachelor of Science in Business Administration; Finance Major

Buffalo, NY

Cum Laude