

M. Tony Gibbons

(916) 717-1312 | mark.a.gibbons@gmail.com | Bay Area, CA | linkedin.com/in/markagibbons

Summary

A hands-on AI, Data Analytics, and Engineering Leader with a career spanning engineering, finance, and operations at Google, Cisco, and Intel, recently augmented with a Master's in Data Science from UC Berkeley. I have a proven record as a 'player-coach' leader, hiring and mentoring technical and business teams while building the foundational code and business processes for mission-critical data platforms from zero-to-one, including Google Cloud's \$XXB+ P&L and Revenue data warehouses serving 8,000+ daily users. I am seeking a hands-on technical leadership role to build the data & AI architecture and lead the team that builds AI/Data-Science driven systems delivering data and insights to transform and optimize business strategy and core operations.

Professional Experience

Google, Mountain View, CA

Data Analytics and Engineering Manager, Cloud Finance Transformation | Mar 2020 - Present

- Drove the complete product lifecycle for Google Cloud's first unified \$XXB+ revenue platform by researching and designing business logic, using Python for EDA, and coding the foundational SQL data pipeline; Established data governance processes to ensure confidentiality and scaled the platform from zero to over 8,000 daily active users, feeding numerous BI, data analytics, and next-generation AI/ML projects.
- Initiated and drove a second product lifecycle to build a full \$XXB+ granular P&L profitability data solution; Modernized the existing P&L pipeline and extended the platform to provide real-time insights on customer profitability and pricing, enabling the sales team to improve Cloud Business Performance.
- Hired and led a new Business Systems Analyst (BSA) team of 4, demonstrating experience in managing people and providing executive leadership with project updates. Spearheaded novel AI/ML finance tools, including dashboards and data visualization solutions that enable analysts to use natural language (RAG) to identify trends and anomalies, while models trained on finance business logic perform root-cause-analysis, generate system diagrams, and create on-demand technical documentation.

Finance Manager, Data Center Supply Chain | Jan 2019 - Feb 2020

- Partnered with Product Management and Software Engineering teams, capacity planners, and procurement managers to lead an AI/ML-driven strategic asset optimization initiative that improved operational efficiency and saved \$100M in one quarter. Spearheaded project using Machine Learning and regression techniques to predict stranded inventory and identify alternate usage scenarios, to avoid CapEx.
- Led a new Financial Planning & Analysis (FP&A) team, creating a \$10B+ CapEx Long-Range Planning process and data infrastructure aligned with statistical forecasting methodologies for Infrastructure Finance.

Technical Program Manager, Cloud Technology Partnerships Strategy | Jun 2017 - Dec 2018

- Drove strategic operations (promoted) for the Cloud Technology Partnerships org, supporting its growth from 50 to 225+ employees by managing hiring plans and conducting strategic portfolio analysis.
- Hired operations lead and managed a TVC Business Intelligence team, architecting and building new real-time intelligence systems for decision support (e.g., revenue by partner, weekly team progress).
- Extended the team's analytics scope to include Geo-expansion, building the new financial model for forecasting data center ROI used in C-level investment recommendations.

Senior Financial Analyst, Data Center Infrastructure R&D | Mar 2015 - May 2017

- Established and managed the multi-\$100M annual budget and financial controls for the R&D organization, integrating OpEx, CapEx, and HR data to support VP & Director on portfolio and operational planning.
- Drove development of a robust data application to automate HR resource allocation used for OPEX and portfolio analysis, driving multiple UX iteration cycles across TI leadership to secure executive buy-in, ultimately leading to its scaling across Google engineering where it continues to inform core P&L opex apportionments.

Cisco, San Jose, CA

Strategy & Operations Manager, Technical Services | Aug 2011 - Jul 2013

FP&A Business Unit Controller, Voice Technology Group | Mar 2008 - Jul 2011

Intel Corporation, Folsom, CA

ASIC Computer Hardware Design Engineer, I/O Controller Hub Chipsets | Jun 2002 - Feb 2006

Education

- University of California, Berkeley - Master of Information and Data Science | Fall 2025
- Brigham Young University - Master of Business Administration | 2008
- University of the Pacific - Bachelor of Science in Computer Engineering | 2002

Technical Skills

- **Statistical Analysis & Math:** Statistical Analysis, Machine learning, AI, Revenue Forecasting, Financial Modeling, statistics, research. Causal Inference, A/B Testing, Experimental Design, Data Mining. Strong foundation in Physics, Economics and Mathematical software.
- **Data Products & Systems:** Full-cycle pipeline development, data architecture, data analytics, business intelligence, analytics engineering, BigQuery, Snowflake, ETL frameworks, dbt, Airflow, petabyte-scale pipelines, data modeling, data governance, data warehousing, CI/CD, data security, Project Management, defining service level agreements (SLAs).
- **Programming Skills:** Exceptional coding in SQL, Python, and Java for data prep and analysis.
- **Product & Collaboration:** Business Strategy, Strategic Planning, KPI definition/business metrics, UX Collaboration, Stakeholder management, Decision Making, Mentoring.
- **Cloud & DevOps:** GCP, AWS (public cloud), Docker, Kubernetes, cloud-native workflows.