

# William Chen

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## EDUCATION

### Cornell University

B.S. in Mechanical Engineering  
Minor in Business

Ithaca, NY

Graduation Date: Dec 2025  
Business Minor GPA: 4.0

## PROFESSIONAL EXPERIENCE

### Tesla

Global Supply Manager Intern, Battery Cells

Palo Alto, CA

May 2025 - Aug 2025

- **Supply Chain Mapping:**

- Managed cross-functional effort to map and multisource upstream raw materials from **Tier 1 to Tier N** suppliers, driving supply chain resilience across high-voltage, low-voltage, and energy products.
- Led the qualification and onboarding of **5+** new suppliers to de-risk sourcing of key materials.

- **Should-Cost Models:**

- Built reusable should-cost model for cell cans to drive data-backed negotiation and future benchmarking.

- **Operations Support:**

- Designed and implemented a dynamic cost and spend tracker to quantify FX and lithium carbonate pricing impacts, supporting real-time sourcing and budgeting decisions.

### Apple

Global Supply Manager Intern, Enclosure

Cupertino, CA

May 2024 - Jan 2025

- **Cost Negotiation:**

- Audited and closed \$3.8M vendor claim on excess inventory and negotiated **\$1.1M** in savings.
- Applied should-cost analysis on tooling CapEx negotiation and resulted in **60%** cost savings.

- **Should-Cost Model:**

- Developed cost models for carbon fiber and metal 3D printing powders, enabling onboarding of new vendors and driving design-for-cost decisions.
- Evaluated and developed rework methods for metal link bands that resulted in a **\$120k** monthly impact.

- **Strategic Sourcing:**

- Ramped and supported new and existing watch bands & Vision Pro accessory projects.
- Standardized inventory templates based on forecasted demand, improving vendor transparency.

### P&G

Corporate R&D Intern

Cincinnati, OH

Summer 2023

- **Innovation Enablement & Cross-Functional Leadership:**

- Collaborated with R&D, supply chain, and finance stakeholders to assess technical feasibility, align product concepts with manufacturing capabilities, and streamline early-stage ideation.
- Translated market insights and operational constraints into strategic recommendations, advancing multiple innovations to pilot production and commercialization planning.

### BMW Manufacturing Co.

Quality Engineer Intern

Spartanburg, SC

Summer 2022

- **Manufacturing Quality & Process Improvement:**

- Led process improvements across X-series production lines, cutting defect containment time and costs by **35%** through data-driven quality initiatives and root cause analysis.
- Collaborated with cross-functional teams to implement durable, cost-effective tooling solutions that minimized rework, reduced downtime, and enhanced line efficiency.

## RELEVANT SKILLS

- **Analytical Tools:** Proficient in Microsoft Excel for financial cost modeling, data analysis, and forecasting.
- **Engineering Softwares:** Solidworks, FEA, and Autodesk for design and analysis.
- **Project Management:** Cross-functional leadership, budget tracking for successful project execution.