

# 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.