Jess Tran

832-853-2336 | phlinhtran1212@gmail.com | LinkedIn | Personal Website | Github

Education

Purdue University, Mitch Daniels School of Business — West Lafayette, IN
B.S. Finance | B.S. Supply Chain and Operations Management — *May 2027*
Accelerated Master's in Finance — *Expected May 2028*

- GPA: 3.52 / 4.00 | Dean's List and Semester Honors (5 semesters)

Work Experiences

Commodity Trading & Operations Intern (Zinc & Copper) — Jun 2026 – Present
Glencore — *New York City, NY*

- Tracked copper and zinc price dynamics on LME/SHFE, tariff impacts on US warranted/unwarranted inventory, and supply-demand fundamentals; produced market updates referenced by traders in desk research and positioning decisions.
- Generated daily mark-to-market and hedging reports reconciling physical and financial positions; identified 2 duplicate executions (800 MT) via ad-hoc reconciliation, preventing an overhedged position before it hit desk P&L.
- Maintained long/short positions for 5 copper client accounts on CTTS; flagged 2 assay payables mismatches protecting ∼$600k in credit exposure before invoice issuance.
- Generated junior copper concentrate mining projects' research summary on development stage, capital structure, offtake agreements, and CAPEX/NPV to surface deal opportunities for the concentrates desk.

Investor Relations Analyst Intern — Sep 2025 – Apr 2026
Evvolve & Partners — *Remote*

- Built structured Excel models from raw startup financial data, running sensitivity and cash-flow scenario tests to determine runway and capital needs for 2 early-stage companies.
- Identified macro risks (AI valuation bubble, semiconductor supply constraints) and translated operational and supply chain metrics into investor-facing pitch decks for 2 portfolio companies for VC and HNW outreach.

Transfer Pricing Intern — Jun 2025 – Aug 2025
Ernst & Young — *Ho Chi Minh City, Vietnam*

- Constructed 15+ financial benchmarking and valuation models across cyclical and defensive sectors (Logistics, Packaging, and Insurance) to support arm's length transfer pricing frameworks for multinational clients.
- Integrated revenue drivers, cost structures, and profitability metrics (ROA, operating margins) with functional and economic analyses to evaluate comparables and assess how profit should be allocated across entities in cross-border transactions.
- Validated key assumptions against OECD arm's length principles to quantify compliance risk exposure and support defensible pricing decisions across complex intercompany arrangements.

Supply Chain & Sales Operations Intern — Jun 2024 – Aug 2024
Shaoxing Micro Weaving Import and Export Co., Ltd — *Shaoxing, China*

- Built bimonthly Excel and Power BI dashboards tracking volume, margins, on-time delivery across 5 customer accounts; findings directly informed management decisions on quality disputes, pricing adjustments, and buyer reallocation.
- Analyzed cycle times and logistics cost structures to identify efficiency trade-offs across the supply chain, building a business case for process changes that supported operational and financial planning decisions.

Project Experiences

Copper Physical-Futures Hedge Optimization & Basis Risk Model | *Individual Project* — July 2026

- Built a minimum-variance copper hedge (LME cash vs. COMEX futures) with a regression hedge ratio of $h^* = 0.5025$. Validated out-of-sample (OOS) with no lookahead bias, reducing daily variance by 34.1% (33.1–33.8% OOS) compared to 0.6% for a naive hedge, and 70.0% weekly.
- Quantified irreducible basis risk with a residual $\sigma = \$1.0433$/lb and stress-tested the model through the 2024 COMEX squeeze and 2025 tariff blowout.

Commodity Multi-Basket TSMOM Strategy & Portfolio Risk Threshold Model | *Individual Project* — July 2026

- Developed and backtested a rules-based long/short time-series momentum strategy across 9 commodity futures using point-in-time signals, walk-forward validation, inverse-volatility position sizing, and realistic transaction cost modeling.
- Evaluated strategy robustness across multiple lookback windows, cost assumptions, and market regimes, achieving a 0.74 net Sharpe ratio (vs. 0.21 benchmark) while analyzing drawdowns, turnover, and in-sample vs. out-of-sample performance decay.

Relevant Skills

Tools: Excel (advanced formulas, PivotTables, scenario analysis), Power BI, Python, SQL, R Studio, Tableau
Finance & Analytics: Financial Modeling, Predictive Modeling, Market Research, Arm's Length Analysis, Risk Management
Certification: Financial & Valuation Modeling (Wall Street Prep)
Clubs: Financial Management Association, Purdue Investment Banking Academy, Operations & Supply Chain Organization
Languages: Vietnamese (native), Mandarin Chinese (conversational)