

Jose Jarman Carrera

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SUMMARY

Graduate student in Applied Economics & Management at Cornell with strong analytical training in corporate finance, econometrics, and financial modeling. Experience building valuation frameworks, scenario-driven cash-flow models, and data-based performance metrics across complex assets. Interested in multi-strategy investing, risk analysis, and cross-asset research, with a focus on understanding return drivers and capital allocation.

EDUCATION

Cornell University – SC Johnson College of Business (Dyson School) — Ithaca, NY

M.S. in Applied Economics & Management | Expected May 2027

Escuela Agrícola Panamericana Zamorano — B.Sc. in Agribusiness Management | GPA: 3.4/4.00 | Dec 2023

Escuela Nacional Central de Agricultura (ENCA) — Technician in Forest Management | GPA: 3.4/4.0 | Dec 2019

Coursework: Corporate Finance • Applied Econometrics • Advanced Financial Modeling • Production Economics • Economics of Consumer Demand • Financial Accounting • Statistics & Data Analysis • Micro- and Macroeconomics • Managerial Economics • Agribusiness Management • Strategic Management • Operations Research

RELEVANT EXPERIENCE

Plantaciones Tierra Viva S.A.

Petén, Guatemala

Project Finance Analyst.

Dec 2023 – Aug 2025

- Built valuation models and sensitivity analyses for long-duration real-asset portfolios, assessing return dispersion, cost volatility, and incentive-driven cash-flow structures (unlevered IRRs >21%).
- Consolidated operational and cost data into dashboards used to monitor performance trends and inform asset-management decisions across 500 ha.
- Developed cross-asset KPIs integrating biological growth, cost dynamics, and productivity metrics to guide capital allocation and efficiency improvements.

Arvore Platform

Petén, Guatemala (Hybrid)

Forestry Finance Project Lead (Co-founder, early stage structure).

Jan 2025 – Present (Pilot stage)

- Built valuation models and sensitivity analyses for long-duration real-asset portfolios, assessing return dispersion, cost volatility, and incentive-driven cash-flow structures (unlevered IRRs >21%).
- Consolidated operational and cost data into dashboards used to monitor performance trends and inform asset-management decisions across 500 ha.
- Developed cross-asset KPIs integrating biological growth, cost dynamics, and productivity metrics to guide capital allocation and efficiency improvements.

Pomona Impact – Impact Investment Research Collaboration

Petén, Guatemala (Hybrid)

Research Analyst – Forestry Finance Study

Jun 2024 – Dec 2024

- Built valuation models and sensitivity analyses for long-duration real-asset portfolios, assessing return dispersion, cost volatility, and incentive-driven cash-flow structures (unlevered IRRs >21%).
- Consolidated operational and cost data into dashboards used to monitor performance trends and inform asset-management decisions across 500 ha.
- Developed cross-asset KPIs integrating biological growth, cost dynamics, and productivity metrics to guide capital allocation and efficiency improvements.

Ganadería Regenerativa Flor del Lago

Petén, Guatemala

Financial Analyst

Jun 2020 – Dec 2021

- Built valuation models and sensitivity analyses for long-duration real-asset portfolios, assessing return dispersion, cost volatility, and incentive-driven cash-flow structures (unlevered IRRs >21%).
- Consolidated operational and cost data into dashboards used to monitor performance trends and inform asset-management decisions across 500 ha.
- Developed cross-asset KPIs integrating biological growth, cost dynamics, and productivity metrics to guide capital allocation and efficiency improvements.

ACTIVITIES

Treasurer & Co-Director – Student Board of Agribusiness, Zamorano University | 2022–2023

- Managed USD 130 K budget, leading financial planning and allocation for academic and extracurricular initiatives.
- Organized the Regional Congress of Economy, Administration, and Business (CREAN) with 340+ participants and international partners.
- Coordinated Zamorano's first intercontinental academic tour (Germany) for 52 students.

President – ADEENCA (Student Association), ENCA | 2018–2019

- Represented 150 students before the Ministry of Agriculture, Chamber of Commerce and other national business chambers.
- Directed volunteer and policy programs, managing 5 core leaders and 30 team members.

TECHNICAL SKILLS

Financial Modeling & Valuation: Excel (Advanced), DCF, LBO, Sensitivity / Scenario Analysis, Power BI, @RISK, STATA

Programming: Python (data analysis & financial automation)

Analytics & Data: STATA, JASP, QGIS, Pix4D

Languages: Spanish - Native, English - C1

ADDITIONAL TRAINING

INCAE Business School – Emerging Young Leaders Program (2022–2023): Strategic Decision-Making via Case Method

University of Pennsylvania – Intensive English Language Program (2024)