

Patricio Ortiz

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EDUCATION

Stanford University <i>B.A. in Economics</i> <i>M.S. in Statistics</i> GPA: 3.9 & 3.8	Sep. 21 – Jun. 26
Graduate Coursework	
<ul style="list-style-type: none">Economics: <i>PhD Courses</i>: Intermediate (II) & Advanced (III) Econometrics; Causal Inference.Statistics: <i>M.S. Courses</i>: Data Mining; Stochastic Processes I & II; Statistical Learning/ML. <i>PhD Yearlong Sequences</i> : Theory I-III; Applied I-III; Convex Optimization.	
Oxford University <i>Exchange Program at Magdalen</i>	Jan. 24 – Jun. 24
<ul style="list-style-type: none">Coursework: (With OMI) High Freq. Financial ML; International Trade; Bayesian Sampling.	

RESEARCH AND WORK EXPERIENCE

Cerberus Capital Management <i>Summer Analyst</i> SINGAPORE	Jun. 25 – Sep. 25
<ul style="list-style-type: none">Cerberus Frontier: Evaluated distressed debt and equity opportunities across Singapore and 6+ emerging markets, building models with additional macro/FX analysis; presented to IC.Portfolio Mgmt: For \$300M+ revenue portfolio company, built two models to identify EBITDA improvements of 1.6%_(±0.2%) (CPI baseline) and 3.6%_(±3.1%) (panel mixed-effects FX-neutral peer benchmarking). Both to be presented to board for future OPEX/CAPEX allocation.	
Asian Development Bank <i>Financial Engineering Intern</i> MANILA, PHILIPPINES	Aug. 24 – Nov. 24
<ul style="list-style-type: none">Projections: Spearheaded migration of Asset Liability Management System for bank's main asset class (\$180B loan portfolio) into Python. Further refined it with statistical learning, mostly meticulous logistic regression, to challenge and refine model assumptions (parameters).<ul style="list-style-type: none">Found ~ 2% of projected inflows could shift from 20-40yr to 10yr horizon, enabling potential capital adequacy adjustments up to \$3B in increased liquidity for the Treasury Dep.Model cleared initial validation, and as of July 2025, full time hires moving model forward.Pricing: Implemented callable bond pricing using QuantLib (Python ver.) with Hull-White 2-factor calibration, e.g. on a \$50M USD notional bond with stochastic interest rate modeling.	
Rogers Investment Advisors KK <i>Fund Analyst</i> TOKYO, JAPAN	Jun. 24 – Aug. 24
<ul style="list-style-type: none">FX: Developed data pipeline and semi-supervised clustering (constrained k-means) to segment holdings by revenue geography and quantify differentiated FX betas; presented findings to GP.Fund Evaluation: Studied 50+ global macro and real estate direct lending funds, identified dependent loan characteristics within 5 funds, presented sectoral outlook theses to the CIO.	
Oxford Uni. & the IMF <i>Researcher, for Stanford Econ Honors Thesis</i> OXFORD, UK	Jan. 24 – Present
<ul style="list-style-type: none">[Ongoing] Famine Early Warning Systems Network Data: Explaining market fluctuations in price with sparse datasets through Bayesian imputing and ML. Connected to PortWatch.	
The World Bank – Impact Evaluation (DIME) <i>Research Intern</i> D.C., USA	Jun. 23 – Sep. 23
<ul style="list-style-type: none">Collab. with UN World Food Programme (Jordan): Analyzed nationwide admin. data with experimental data, quantifying education investment's impact on 10-20 year labor earnings.Senegal Flood Resilience: Analyzed treatment spatially with multivariate reg. discontinuity.	
Harvard College Economics Lab <i>Project Lead at Stanford</i> STANFORD, USA	Jan. 23 – Jun. 23
<ul style="list-style-type: none">Industry White Paper for Ownership Works: Recruited, led team in microeconomics research modeling and analyzing effect of employee ownership (e.g., synthetic equity) on 2 firms' growth.	

LEADERSHIP

Stanford Board of Trustees <i>Voting Student Rep. on Committee</i>	Sep. 25 – Jun. 26
<ul style="list-style-type: none">Engagement & Advancement of the Institution: presides over alumni/gov. relations, fundraising.	
Forum for American-Chinese Exchange at Stanford (FACES) <i>Fmr. Co-President</i>	Sep. 21 – Present
<ul style="list-style-type: none">International Summit: 20 Chinese and 20 American students: Organized 2022 and 2023.Stanford Course: Co-led 2023 "Myths & Realities of U.S.-China Relations," 25 students.	

SKILLS & MISC.

Programming Languages: Python: *Advanced* | R: *Advanced* | SQL/Azure DevOps: *Advanced (CI/CD Automation)*.
Human Languages: Mandarin Chinese: *Intermediate*, continuing coursework | Spanish: *Native* | English: *Native*.