ALEKS GABRIEL ARRIOLA SOSA

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SUMMARY

Finance & Marketing student who builds AI tools for financial workflows. 1st place at the Dell x NVIDIA Local AI Hackathon (of 40 teams) and Most Innovative at the IBM SkillsBuild AI Builders Challenge. Experienced in DCF, LBO, comparable company and precedent transaction analysis, with Python automation that took company screening from about 2 hours per company to 2,000+ companies in 10 hours. In everything I build, AI proposes and tested code decides.

EDUCATION

Hult International Business School — Boston, MA

BBA, Double Major in Finance & Marketing — Expected May 2027

AWARDS

- **1st Place, Local AI Hackathon (Dell Technologies x NVIDIA), Boston, Oct 2026:** co-engineered Lifeline, an on-device disaster-triage agent that ranks collapsed structures by survivor likelihood and plans rescue dispatch for human approval; built in one day, 1st of 40 teams.
- **Most Innovative, IBM SkillsBuild AI Builders Challenge, May 2026:** PitMind, an F1 strategy tool built in 6 days combining telemetry, XGBoost + SHAP models and IBM Granite explanations.

EXPERIENCE

Finance Intern, The 1525 · *Remote* — May 2026 – Sep 2026

- Built a semi-automated Python screening pipeline that raised analyst throughput an estimated 400x, from roughly 2 hours per company to screening 2,000+ companies in 10 hours
- Supported fundraising efforts, creating financial models, investor documents and pitch decks for portfolio companies
- Scoped open-ended assignments without step-by-step direction and trained the other interns to run the pipeline

Client Specialist, SeOnline · *Guatemala City* — May 2025 – Aug 2025

- Managed the full sales cycle for Guatemalan and US clients, from outbound prospecting and needs assessment through tailored proposals and contract close
- Redesigned the client-onboarding process, improving efficiency by 35% by standardizing client records and sales calls

Digital Marketing Intern, Western Union · *Guatemala City* — Jun 2024 – Aug 2024

- Reported to the Digital Marketing Director, supporting the planning, execution and tracking of multi-channel campaigns across Central America

Cashier & Remittance Operations, Western Union Sub-Agency · *Guatemala City* — May 2023 – Sep 2023

- Managed daily cash operations of up to Q15,000 across about 50 transactions a day; improved service speed by 10% through efficient cash reconciliation

PROJECTS

Auto Company Valuation Kit (Orcen Capital) — 2025 – Jul 2026

- Built a Python system (~39,000 lines) that turns one YAML config into an 84-sheet Excel model, Word report and 16-slide deck covering DCF, comps, precedent transactions and LBO, with 7 bias-correction modules
- Verified end-to-end on Apple FY2024: 9-method valuation with a $209.62 blended target vs. $213.00 market price (HOLD); LBO floor case 16.1% IRR, 2.1x MOIC

Company Health Red-Flag Scanner — 2025 – Present

- Screens 600+ US-listed companies on live SEC EDGAR XBRL data with 11 bankruptcy and earnings-quality models (Altman Z, Beneish M, Piotroski F and more) and 80 ratios, producing a composite health score and earnings-quality risk card

OpsFlow & MatchMind — 2026

- OpsFlow: policy-bound AI procurement agent on Sui with revocable on-chain authority and an independent AI auditor pass (TypeScript, 84 tests)
- MatchMind: explainable AI for refereeing decisions using retrieval over the Laws of the Game, IBM Granite and a red-teamed hallucination firewall (Python, 129 tests)

SKILLS & CERTIFICATIONS

Finance: DCF, LBO, Comparable Companies, Precedent Transactions, Financial Statement Analysis, Sensitivity Analysis, Investor Materials, Bloomberg Terminal

AI & Programming: Python (NumPy, SciPy, SEC EDGAR API), LangGraph, IBM Granite, RAG, XGBoost, SHAP, TypeScript, React, Streamlit, R, Excel (Advanced), Power BI

Certifications: 53 credentials, including J.P. Morgan Quantitative Research, Goldman Sachs Risk and Internal Audit, and Standard Chartered Credit Analyst job simulations

Languages: English (Fluent) · Spanish (Native)