

Adam El Harouchi

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PROFESSIONAL SUMMARY

Finance and Business Analytics student (STEM, Hult, 3.5 GPA) who led an enterprise cloud data migration (800+ assets, zero errors) and built 30+ client dashboards for Fiserv, Clover, and Fidelity. Founder and sole developer of AnalytIQ, a live AI grading platform with ~39,800 lines of Python, combining SQL, Python, and BI tool fluency with product ownership.

EDUCATION

Hult International Business School

Bachelor of Business Administration, Finance and Business Analytics (STEM)

Cambridge, MA

Sep 2023 – Dec 2026

- Full-Tuition Merit Scholarship | 3.5 GPA
- **Relevant Coursework:** Supervised ML | Python & Tableau | Regression Analysis | Decision Making with Python | Forecasting
- **Leadership:** Vice President & Director of Events, Boston Arab Society; former President, Hult Competition Hub and Hult FC; former Head of Volunteers, HBS VCPE
- Raised \$7.5K for The Home for Little Wanderers (homeless and at-risk children and families) running the Boston Marathon

WORK EXPERIENCE

Blue Green Brands | Analytics Consulting for Fiserv, Clover, and Fidelity

Business Intelligence and Analyst Intern

Hybrid

Jun 2025 – Dec 2025

DATA MIGRATION & MODERNIZATION

- Served as project lead for a full-scale cloud data migration, migrating 800+ workbooks, dashboards, and datasets from a legacy GCP Sigma instance to AWS Sigma in 2.5 months with zero errors by designing the migration plan, SQL replication logic, and QA/reconciliation process.
- Acted as primary liaison across 8+ internal and client stakeholder teams spanning BI, data science, technical, and vendor functions, documenting procedures and training teams on the new environment.

BUSINESS INTELLIGENCE & CLIENT ANALYTICS

- Built 30+ new Power BI and Sigma dashboards in 4 months while maintaining and enriching a 50+ dashboard portfolio across all three enterprise clients, translating multi-source data into decision-ready insights.
- Delivered monthly cross-source reporting to client BI and data science teams and fielded ad hoc requests from Fidelity marketing, website, and analytics teams, including GA4 web and marketing analytics.
- Partnered with cross-functional teams on go-to-market planning and product packaging strategy, shaping positioning decisions.

AnalytIQ

Founder & Sole Developer

Cambridge, MA

Dec 2025 – Present

- Architected and launched AnalytIQ, a live AI-powered analytics learning platform (myanalytiq.com) that turns a professor's course chapters into exercises with executable test cases and grades code by running it; adopted by 4 professors across 5 classes.
- Wrote ~39,800 lines of Python across 710 commits and 66 test files (Flask, PostgreSQL/Supabase, Redis + Celery, Gemini), grading Python, R, JavaScript, SQL, and Java, with JWT, OIDC SSO, and LTI 1.3 LMS gradebook integration.
- Directed product strategy from 0 to V2 informed by 30+ user interviews with students and faculty, scaling to 41 registered users and 83 generated exercises while reducing faculty grading workload.

Brunk Industries

Financial Analyst Intern

Remote

Mar 2025 – Jun 2025

- Built DCF models, revenue forecasts, and cost-revenue analyses in Excel and Python to evaluate product line performance, informing 3 strategic expansion proposals with \$500K+ projected revenue impact, all approved and implemented.
- Designed a composite part-level operations (OPS) score weighting returns 5,000x against scrap at 1.5x, validated it against Brunk's own metric, and delivered it to leadership, who approved it ([write-up](#)).

PROJECTS

[Credit Card Fraud Detection](#) | Python, scikit-learn, imbalanced-learn

- Built an imbalanced classification model on 284,807 transactions, reaching 87.8% fraud recall with SMOTE at 6.4% precision, and framed the threshold choice as a business cost trade-off.

[Football Player Market Valuation](#) | Python, Gradient Boosting, Regression

- Engineered valuation features and tuned Gradient Boosting to R^2 0.992 (MAE 149K), then flagged likely target leakage rather than reporting the score at face value.

[DreamHome SQL Labs](#) | SQL

- Wrote 137 queries across 4 labs: aggregation with HAVING, joins across 5+ tables, set operations, correlated subqueries, DDL.

TECHNICAL SKILLS

Analytics & BI Tools: SQL, Python, Power BI, Sigma, Tableau, Power Query (M), GA4, Excel (XLOOKUP, Pivot Tables)

Data Science: pandas, NumPy, scikit-learn, LightGBM, imbalanced-learn, PySpark, Plotly, Regression, Classification, PCA

Data & Engineering: Data Migration, Data Modeling, Quality Assurance, Flask, PostgreSQL, Supabase, Redis, Celery, REST APIs, Git

Other: AWS, GCP, SAP, Salesforce, LTI 1.3, Gemini API, DCF, Financial Modeling, PowerPoint, Canva