Alexandre Benjamin Cambier

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SUMMARY

Master's student in Business Analytics & Data Science at Politecnico di Milano with a Business Administration foundation from Bocconi and a Cross-Asset Data Analyst experience. Open to internships in the fields of Business Analytics, Business Intelligence and Data Science starting from May 2026.

EDUCATION

International Master in Business Analytics and Data Science

Politecnico di Milano • Milan, Italy | September 2025 - September 2026

• Awarded two different scholarships: Early Bird Discount and Make Social Impact contribution.

• Major Courses: Machine Learning and Business Analytics, Fundamentals of Statistics, Data Visualization, Data Warehousing, Relational Databases, IoT and Big Data.

Bachelor of Science in Business Administration and Management

Università Bocconi • Milan, Italy | September 2021 - April 2025

• Major Courses: Mathematics, Statistics, Computer Science, Microeconomics & Macroeconomics, Management, Accounting and Law.

• Elective Courses: Big Data for Business Analytics, Management of Information Systems and Economics and Management of Life Insurance and Pension Funds.

• Final Dissertation: Information Systems in the Context of Mobility: The Yunex Traffic Case.

PROJECTS

ITADATAhack 2025 - Data Science Hackathon and Pitch Competition | August 2025 - September 2025

• Assisted a three-person team in building two Python Machine Learning classifiers on HDFS logs, predicting anomaly category and type, evaluated with weighted G-Mean.

• Presented the methodology to judges: stratified train/validation split, standardized features, class-balanced Random Forest; feature engineering, oversampling, bagging and LightGBM. Ranked 6th out of 15.

FEduF - Startup Pitch Competition | January 2019 - May 2019

• Presented a socially beneficial sleep-monitoring sensor to 10–15 professionals, explaining its technical operation and pricing versus industry leaders. Ranked 2nd among 5 teams.

EXPERIENCE

Cross Asset Data Analyst Intern

Gold Grain Capital   **March 2025 - July 2025，Milan, Italy**

• Conducted Bloomberg pricing/liquidity analyses and investment researches on EQS rule-based screening, time-series returns, Sharpe ratios, betas, correlation matrices and benchmarking.

• Consolidated cross-asset datasets in Excel using composite-key record linkage and joins, then applied filtering, conditional formatting and VBA automations, allowing data-driven decision making.

• Simulated structured-product pricing with Leonteq and Marex Financials, optimizing coupon rates, tenor/non-callable periods and fee impacts.

• Documented regulatory compliance, evaluating contract-management platforms, mapping cross-issuer fee disclosures (term sheets/final terms) and supporting MiFID II due diligence and onboarding.

• Optimized product sheets, client presentations and reports, replicating Excel visuals in Python (Matplotlib) and building targeted LinkedIn outreach lists.

Innovation Lab Trainee

Milano LUISS Hub   **February 2019 - February 2019，Milan, Italy**

• Envisioned and built a sleep-monitoring sensor with a five-person team to aid elderly people and infants.

• 3D-modeled the enclosure in Tinkercad and 3D-printed a product prototype, then integrated Arduino sensors and programmed the firmware in C++.

• Conducted a SWOT analysis to define the value proposition and risks, and presented the project to the laboratory staff.

CERTIFICATIONS

Foundations: Data, Data Everywhere | Google | May 2023 - Present

ICDL Office Expert | ICDL Certification | April 2022 - Present

SKILLS

Hard Skills: SQL; Python; R (RStudio); MATLAB; HTML; JavaScript; Microsoft Office (Excel, PowerPoint, Word)

Soft Skills: Written communication; Problem Solving; Critical Thinking; Teamwork; Adaptability; Public Speaking

Languages: Italian (Native, C2); English (Upper-Intermediate, B2); Spanish (Intermediate, B1)