

Arianna Barbero

Turin, Italy | +39 3385242924 | barberoarianna@icloud.com | U.S. Work Authorization: F-1 OPT | Available to relocate to the U.S.

Education

Master of Science in Finance (STEM)

Sept 2025 – Aug 2026

Hult International Business School | Cambridge, MA

- GPA: 3.53, Relevant Courses: Investments, Corporate Finance, Mergers & Acquisitions, Portfolio Management, Global Financial Markets, Financial Accounting

Bachelor of Business Administration in Finance

Sept 2023 – Aug 2025

Hult International Business School | London, UK

- Minored in Entrepreneurship, Senior Thesis: Cross-Border Investing: Strategic Flows, Emerging Barriers, and Market Shifts in 2025 (Grade 95/100)

Relevant Projects

Portfolio Optimization & Investment Management | Cambridge, MA

April 2026

- Optimized a multi-asset portfolio across U.S. equities, bonds, and Treasury bills using mean-variance optimization and utility analysis, achieving a **1.28 model-implied Sharpe ratio** under investor risk constraints.
- Constructed and evaluated a **5-stock active equity portfolio** benchmarked against the S&P 500 ETF (IVV), applying CAPM, alpha/beta estimation, covariance analysis, and risk-adjusted performance measures to support security selection and allocation.

Harvard Business Publishing – Working Capital Simulation | Cambridge, MA

Jan – Feb 2026

- Reduced simulated credit-line utilization by 81%, from \$2.875M to \$557K, by optimizing receivables, supplier terms, financing decisions, and working-capital deployment while maintaining growth.
- Evaluated customer, product, and expansion decisions using NPV, DSO, cash conversion cycle, and margin analysis, generating simulated results of \$2.039M EBIT, \$1.142M net income, and \$1.223M free cash flow.

Sustainable Investing Business Challenge | Cambridge, MA

Apr – May 2026

- Constructed a **12-stock sustainable equity portfolio across three sectors** for a simulated institutional mandate, integrating ESG screening, fundamental analysis, and portfolio construction into security selection.
- Developed and presented the investment thesis, portfolio positioning, rebalancing criteria, and risk-monitoring framework, incorporating ESG reviews and portfolio-level risk controls.

CarbonCycle Business Strategy Simulation | London, UK

Apr - May 2025

- Developed a cross-functional growth strategy spanning pricing, R&D, digital marketing, operations, and international expansion, increasing simulated demand 158% and capturing 29% market share.
- Scaled the simulated business to \$11.5M revenue and \$3.1M net income through pricing, investment, and market-expansion decisions.

Additional Experience

Private Tutor for High School Students | Alba, CN, Italy

Jan 2023 – July 2023

Childcare Provider for Children with Disabilities | Alba, CN, Italy

Jan 2022 – Aug 2023

Server at Sushiko | Santa Vittoria d'Alba, CN, Italy

June 2022 – Dec 2022

Additional Information

CFA: CFA Program candidate, CFA Institute | Level I Exam: Feb 2027

Languages: Italian (Native); English (Fluent); French (Intermediate); Spanish (Beginner)

Certifications: Financial Modeling in Excel (DataCamp), Intermediate SQL (DataCamp), Introduction to Statistics in Google Sheets (DataCamp), Data-Driven Decision Making for Business (DataCamp), Data Analysis in Excel (DataCamp), Understanding Data Science (DataCamp), Work Smarter with Microsoft Excel (Microsoft), Introduction to Artificial Intelligence (AI) (IBM), and Research Methodologies (Queen Mary University of London)

Technologies: Advanced MS Office (Word, Excel, PowerPoint); SQL; Generative AI / Prompt Engineering; Tableau; StockTrak; TradingView