Andrea Landini

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male
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Experience

•Deloitte *Sept 2023 - March 2024*

Intern, Financial Services Industry, Audit & Assurance Division Milan, Italy

- **Financial Auditing**: Conducted meticulous financial audits to ensure accuracy to IAS/IFRS standards; evaluated internal control reliability, fraud risk, and historical misstatements to establish performance materiality.
- **Derivative Valuation**: Conducted aspects of hedge accounting under IFRS 9, including tests of details using a sampling approach for hedging relationships designated as cash flow hedges, fair value hedges, and hedges of a net investment.
- **Risk Assessment**: Testing both control reliance and ABCOTDs, with a focus on Banking & Capital Markets and Investment Managements, i.e. variability in the pricing/rate structure; changes in the composition of underlying portfolio

Education

•Master in Finance *Sept 2024 - Jun 2026*

M.Sc. Universität Liechtenstein, Vaduz

- **Empirical Asset Pricing**: Exploring modeling on equlibrium and arbitrage: Comparative Statics of Optimal Portfolios, State Prices and Risk-Neutral Probabilities, Arbitrage and Positive Pricing. Focused on Fama-Macbeth regressions, CRSP sample, momentum, reversal, skewness.
- **Machine Learning**: Optimizing for training Deep Models with Parameter Initialiaiton Strategies and Algorithms with ADaptive Learning Rates. Modeling with Convolution and Pooling as an Infinitely Strong Prior and Efficient Convolution Algorithms.

•Bachelor in Economics and Finance *Sept 2020 - Jun 2024*

B.Sc. Bocconi University, Milan

- **Corporate Finance**: Studied IPOs, Control Acquisition, Mergers/Demergers, Leveraged Buyouts, Bankruptcy/Restructuring. Strong background in management of Working Capital, Cash Flow and financial risks.
- **Financial Statement Analysis**: Proficient in GAAP/IFRS, ratio analysis (profitability, liquidity, solvency), DuPont decomposition, and trend analysis. Experienced in pro forma modeling, cash flow forecasting, forensic accounting, and identifying red flags such as earnings manipulation and off-balance-sheet financing.

Personal Projects (https://andrealandini.info/projects)

•Neural Network Framework for ETF Selection and Analysis

Python, C++, Jupyter Notebook

- Designed a neural network framework for ETF scoring and selection using financial metrics
- Applied fund selection by preprocessing data to ensure feature comparability

•Neural Network-Based Parameter Estimation for Jump-Diffusion Model

Python, R, Jupyter Notebook

- Introduced a neural network framework for estimating parameters in jump-diffusion models, refining drift, volatility, and jump characteristics using OHLC data to capture market trends and jumps effectively.

Technical Skills and Interests

Languages: Italian, English (C1), German (B1)

Programming Languages/Tools: Python, C/C++, R, LaTeX, PowerBI, Bloomberg, Refinitiv

I authorise the use of my personal data according to local law.