

Finnegan Clancy

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Education

Trinity College Dublin | Computer Science and Business | Expected Graduation: 2027

Grades: First Class Honours (4.0 GPA equivalent) in first and second year.

Relevant Coursework: Probability, Statistics, Mathematics, Programming, Algorithms and Data Structures, Economics.

Experience

Trinity Student Managed Fund September '23 – Present | Dublin, Ireland

- **Deputy Head of Quant ('24-'25):** Co-founded SMF quant division; led algorithmic trading research and mentored analysts on systematic trading methods. Developed quantitative models for international trading competitions.
- **Macro Analyst ('24-'25):** Produced macro reports and forecasts; tracked key indicators and breaking news to inform strategy; collaborated with sector analysts to align insights with portfolio allocation and stock selection.
- **Investment Analyst ('23-'24):** Researched technology hardware firms, using valuation models (DCF, comps) and newsflow to generate trade ideas. Pitched timely investment opportunities to the CIO under pressure.

Research Assistant | Trinity College Dublin July '25 – Present | Dublin, Ireland

- Co-authored an academic paper on threshold encryption for Central Bank Digital Currencies using the XRP Ledger.
- Implemented and benchmarked C++ modules in the XRP Ledger to optimise threshold encryption performance.

Trading Intern | Positive Equity June – July '25 | Dublin, Ireland

- Executed simulated futures trades on European indices (FDXM, BUND, FBTP) using order flow and DOM.
- Developed and backtested quantitative strategies in Python, including mean reversion and breakout models; implemented z-score and ATR spread techniques that improved Sharpe ratios over multiple market regimes.
- Evaluated strategy performance using statistical metrics (PnL, Sharpe, drawdowns) in daily reviews with senior traders.

Summer Analyst | Elkstone Partners June – August '24 | Dublin, Ireland

- Conducted financial modelling and market research across Venture, Real Estate, and Investment divisions supporting due diligence processes, portfolio reviews, valuation analyses, and evaluations of new opportunities.
- Presented competitor updates and detailed investment materials to senior management, contributing to decision-making.

Skills

Tech: Python (NumPy, Pandas, scikit-learn), C++, SQL, Git/GitHub (CI/CD, Actions), Jupyter, LaTeX, JavaScript.

Finance: Excel (Advanced), Financial Modelling (DCF, Valuation), Risk Management, Fundamental Research, Reporting, Derivatives (options, futures), Backtesting & Trading Strategies, Bloomberg Terminal, Portfolio Optimisation.

Certifications & Achievements

- **Certifications** – Harvard CS50, Stanford Supervised ML, Wharton Quant Modelling, Columbia Financial Engineering.
- Citadel Securities Puzzle Competition – 3rd place; Rotman Trading Competition Ireland – 5th place out of 200+ teams.
- QuantConnect University Trading Competition (Q2 2024) – 2nd place internationally among 25+ university teams.
- Chess.com – Top 95th percentile globally (1700 Elo).
- Completed two marathons in one day; Club Player of the Year and Captain of Drogheda Boys F.C.

Community and Leadership

- **Societies** – Co-founded the Trinity Think Tank Society and the Quant Trading Division within the Trinity SMF.
- **Coding Mentor** – Taught CS fundamentals to underrepresented secondary female students at Trinity College Dublin.
- **Soccer Coach** (U9 boys, U19 girls, Ireland, US) and **S2S Mentor** supporting first year transition to college
- **Chainlink Community Advocate** – Organised in-person events and produced online educational Web3 content.

Open Source Contributions

- **Finnslib – Published Python Library** – Built tools to summarise repos, files, and functions; published on PyPI. Implemented CLI + API workflows using GPT-4o-mini for generating repository trees and detailed summaries.
- **Talos TIP Portal – Full Stack Website** – Integrated governance portal into Talos site; boosted community proposal contributions by 280% with OAuth 2.0 sign-in. Automated GitHub PR and DB updates using GitHub Actions.

Selected GitHub Projects

- **options-analyser** – Python tool to model and evaluate options profitability under varying user assumptions.
- **indicator-percentiles** – statistical tool to evaluate z-scores and distributions of indicators for financial instruments.
- **llm-hippodrome** – Next.js web app enabling 2-50+ selected LLMs to debate user input, generating a consensus answer.