

Finn Clancy

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US Citizen | Irish Citizen

EDUCATION

Trinity College Dublin | B.A. Computer Science (Major), Business (Minor) **Expected May 2027**
First Class Honours (1.1; 4.0 GPA equivalent – 80.3% in avg. Computer Science) in Years 1, 2 and 3.
Coursework: Algorithms & Data Structures, Probability, Stats, Math, Programming, NLP, Computing, Networking

TECHNICAL SKILLS

Languages: Python, Java, C++, SQL, TypeScript/JavaScript,

Tools: PyTorch, NumPy, pandas, scikit-learn, Hugging Face, React, Next.js, Git/GitHub, CI/CD, Jupyter, LaTeX

Quantitative: Statistical analysis, backtesting, options and futures, valuation, Bloomberg Terminal, advanced Excel

EXPERIENCE

Equity Analyst | Susquehanna International Group **Jun - Aug 2026 | Dublin**

- Conducted event-driven research across European equities, combining fundamentals, catalysts and valuation with probabilistic forecasts of directional moves, volatility, and dividends.
- Built scenario- and probability-weighted expected-value analyses on volatility and directionality for earnings, M&A, macro releases and other prepared events; presented long/short pitches and updated views as information changed.
- Completed intensive training in options, derivatives, volatility, ETFs, arbitrage and market making; applied concepts in two-sided quoting and risk-management simulations.

Data Engineer | Archive Capital **2026 - Present | Dublin**

- Build dashboards for portfolio managers, digitise client-data collection and automate market and portfolio email updates, set up and maintain client facing websites with automated reports containing portfolio analysis.

AI & Data Intern | EY **Jun 2026 | Dublin**

- Built an end-to-end pipeline adapting TinyLlama-1.1B to financial data: SEC EDGAR ingestion, synthetic-data generation, RAG, LoRA fine-tuning and DPO alignment with PyTorch and Hugging Face.
- Fine-tuned rank-16 LoRA adapters on approximately 0.5% of model parameters and built an evaluation harness using ROUGE-L, BERTScore and NLI hallucination detection; RAG lowered hallucinations seen in the base model.

Trinity Student Managed Fund **Sep 2023 - Sep 2025 | Dublin**

- Co-Founder & Deputy Head of Quant (2024-25):** Co-founded the Quant Division; led algorithmic-trading research, model development and optimisation for international competitions, mentored analysts in systematic methods and placed 2nd internationally in the QuantConnect University Trading Competition.
- Macro Analyst (2024-25):** Produced macro briefs and forecasts by tracking economic releases, central-bank communication and breaking news; worked with sector analysts to translate top-down views into portfolio-allocation and stock-selection inputs.
- Investment Analyst (2023-24):** Researched technology-hardware companies using DCF, comparable-company analysis and news flow; wrote investment memos and pitched trade ideas to the CIO and investment committee.

Research Assistant | Trinity College Dublin / ADAPT Centre **Jul 2025 - Present | Dublin**

- Implemented and benchmarked C++ modules for threshold-encryption research on XRPL-based CBDCs; currently contributing to low-latency machine-learning research in neural decoding under Giovanni Di Liberto at Trinity.

Trading Intern | Positive Equity **Jun - Jul 2025 | Dublin**

- Traded simulated European futures (FDXM, Bund, FBTP) using order flow and DOM; researched potential Eurex inefficiencies through contract specifications, macro catalysts and correlation analysis.
- Built Python backtests for mean-reversion and breakout ideas; reviewed P&L, Sharpe, drawdown, time-in-trade and win/loss distributions with senior traders.

Summer Analyst | Elkstone Capital **Jun - Sept 2024 | Dublin**

- Conducted modelling, market research and investment analysis across Venture Capital, Real Estate and Investment teams, supporting due diligence, portfolio reviews, valuation analysis and evaluation of new opportunities.
- Prepared competitor research and investment materials for senior management; supported client sourcing, fundraising opportunities and investment presentations across the firm.

SELECTED PROJECTS & LEADERSHIP

Sruth.app | Creator **Oct 2025 - Present**

- Maintain a macro dashboard tracking 200+ indicators across rates, credit, FX, equities and commodities, with automated updates and AI-generated institutional-style market briefings with an automated email list.

Code Mentor | Trinity College Dublin **Sep 2025 - Present**

Taught fundamentals of cybersecurity, AI, python, and electrical engineering to transition year females

Nualang | Head of Frontend, TCD Software Engineering Project **Jan - Jun 2026**

- Led frontend development of an AI-powered Irish-language learning platform; won the 2026 Software Engineering Showcase Public Vote Award out of 300+ students.

Highlighter | Published Chrome Extension **May 2026**

- Built and shipped a local-first annotation tool with custom highlights, folders, comments, Markdown export and shareable pages that preserve source links and an MCP plugin for agentic assistance.

Soccer Coach **2023**

- Coached an under-15 girls' soccer team in Richmond from January to March 2023.

Additional results: top 95 percentile chess.com Elo, won final intern quiz at SIG, 2nd in the Citadel Securities Puzzle Competition; 5th of 200+ teams in the Rotman Trading Competition Ireland, completed two marathons in one day.