

Colum McCoole

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Summary

I have been working at the intersection of finance and technology, with experience across buy-side and sell-side firms, including leading teams and directorships on boards of multiple entities. I am keenly interested in bringing software development best-practices into the financial-services domain – from better analytics and investment platforms to better payments, funding and compliance models. Lately, my focus has been on cloud-based platform engineering for machine-learning use-cases ('MLOps'), enabling the life-cycle of model development from data-acquisition through to model-training and selection and on-going model auditing for business relevance and regulatory purposes.

Technical Skills

Soft Skills	Finance	Development Tools	Platform Engineering	Data / ML
Self-starter	Financial modelling	Git / Github / Gitlab	AWS Solutions Architect	Parquet / Arrow
Team-oriented	Convertible Bonds	Python / R / SQL	Serverless (CDK, SAM)	Polars / Pandas
Experienced leader	Credit Derivatives	RStudio	Argo CD / Argo Workflows	Kubeflow / Metaflow
Collaborator	Financial Control	JupyterLab/Sagemaker	Backstage (IDPs)	Hugging Face
Motivated	Documentation	Conda	Kubernetes / GitOps	Ludwig AutoML

Experience

Founder, Analect Limited (Dublin)

2021 - present

- Developing platform engineering solutions for running cloud-based machine-learning workloads on either self-hosted kubernetes or serverless systems.

Executive Director, UBS (Dublin and Zurich)

2018 - 2021

- Involved in the development and roll-out of the UBS Partner solution, a division of UBS.
- It is a cloud-based technology platform for the delivery of advisory capabilities to third-party financial institutions globally.
- UBS Partner enables them to systematically offer customised advice to their end clients.
- At the time of implementation, this was one of the pioneering externally-facing fintech projects within UBS to leverage cloud technologies involving the data-intensive processing of sensitive third-party institutional end-client data.
- I was part of business management, acted in an Operating-Officer capacity for the broader group, actively engaging, in person, with the technology implementation group, in Basel, and business management, in Zurich.
- Dual directorships on the Boards of Irish and Swiss entities; full oversight of Irish entity (team of four), including financial control.

Founder, Analect Limited (Dublin)

2013 - 2017

- Leveraging mainly open-source technologies to develop a financial analysis platform for analysts to evolve and collaborate on investible ideas using the latest data-science tooling.
- Motivated by a realisation that finance professionals can learn and profit from following best-practices embedded in software development, especially in a data-intensive finance domain.
- Architected system and part self-developed as well as funded team of developers to iterate on aspects of the system towards a working prototype for initial client trials.

Director, Tantallon Capital Advisors (Singapore and Zurich)

2006 - 2012

- Worked as part of an experienced Asia / Emerging-markets investment team with long/short and long-biased institutional mandates for listed equities.
- Instrumental in designing and building information systems that underpinned the investment process and adequately fulfilled a broad investment remit.
- As part of the Tantallon team, I gained broad industry / geographic experience, including oversight for global macro / cross-asset insights to various portfolio managers.

Head of Research, Plutus Capital (London)

2004 - 2006

- Part of a team that ran a global multi-strategy fund, which broadened my experience beyond convertibles into credit derivatives and long/short equities.
- As a hedge fund start-up, I was involved in all aspects of establishing the business, including implementing trading systems and developing analytical and risk management systems.

Executive Director, Morgan Stanley (London)

1996 - 2004

- Recruited, trained and managed a team of analysts supporting the international (non-US) convertible bond business at Morgan Stanley during a period of massive growth in that asset-class that spanned varied market conditions – initially very technical-biased convertible arbitrage, through to a more credit-driven bias post the dot-com era.
- Efforts culminated in being ranked #1 Institutional Investor All Europe Research analyst three years running (2000 through 2002).

Financial Analyst, W.I. Carr (Far East) Ltd. (Hong Kong)

1993 - 1996

- Worked in various functions: as a member of a team of regional analysts looking at Asia-wide investible themes; developed research products on a host of OTC-traded and option products, including Asian convertible bond research.
- Benefited from submergence in a high-growth phase of Asian financial markets.

Education / Certifications

AWS Certified Solutions Architect - Professional

2023

Issued: June 2023 Expires: June 2026

Master of Business Studies (MBS)

1993

University College Dublin (UCD), Ireland - 1st Class Honours

Bachelor of Commerce (BComm)

1992

National University of Ireland (NUI), Galway, Ireland - 2.1

Awards

Institutional Investor

2000 - 2002

Ranked #1, three years running, for European Convertible Bond Research

Languages

- English (monther tongue)
- German (intermediate, B1, Goethe Zertifikat, 2022)
- French (basic)