

Name: Emmalyn

Notice Period: Available Immediately

SUMMARY

7 years of experience and auditable track record working with numerous sophisticated capital markets firms including sovereign wealth funds, hedge funds, asset managers, investment banks, wealth managers and private banks; a strong and proven track record in precision risk analytics, accurately producing early warning signs of unforeseen risk in listed companies.

Through forensic analysis across the capital structure and drawing upon an unprecedented array of structured and unstructured data, invented a market-leading predictive risk framework. Strong team player, flexible and energised to support analysts, traders, portfolio managers and risk officers across equity and credit in most sectors and global geographies.

SKILLS AND WORK EXPERIENCE

Senior Risk Analyst, BlueFire AI, August 2016 – Present

DELIVERABLES

- Ensures the customer consistently preserves basis points by reallocating capital more efficiently away from higher risk towards more performant investments.
- Achieves substantial cost savings across the business, reducing the cost of covering a single company by up to 95%. This facilitates a change in the business model, moving away from adding FTE headcount to establishing a cheaper unit cost of research and risk monitoring by leveraging AI.

OBJECTIVES

- To produce and refresh daily a predictive risk status on each of the companies monitored across multiple portfolios. A strong team player, increasing the accuracy in the early warning of risk, allowing members of the team to concentrate on higher-value activities.
- To provide colleagues with a clear view of all the risk events and update daily for all companies under coverage including peer analysis and benchmarking for accuracy.
- To provide a concise summary financial snapshot, risk status and implied rating on each company from which team members can perform deeper forensic analysis on companies with elevated intrinsic risk.

SKILLS

- Experience in analysing ~10,000+ global companies including ~1,600 Onshore Chinese companies across all sectors and at a consistently accurate level of precision.
- Strong balance sheet and cash flow analytical experience, with a specific focus on forensic risk and risk patterning.
- Highly proficient in, and constantly evolving, techniques to read and track event risk in listed companies utilising skills in English and Mandarin reading all the available news on all monitored companies daily from over 10,000+ media sources.
- Strong relationship development and management skills. Over the last 7 years built and maintained relationships with leading bond and equity institutional investors, systematically assessing changes in risk perceptions of informed investors.
- Inclusive and flexible, able to work across investment team functions. Created dialogue with the Analyst community and established regular dialogue to understand the forward-looking risk views on portfolio companies.
- Significant equity market experience, with strong skills in identifying short-selling clusters, trend shifts, collapse patterns and liquidity profiling.
- Comprehensive understanding of, and predictive capability in, corporate bond markets. Spent the last five years training in fixed income markets and can now identify negative idiosyncratic bond moves which provide early warning signs of stress in the parent Issuer.

EDUCATION

Singapore University of Technology and Design (SUTD) 2017 - 2018

- Singapore government-funded research and development into machine reading in Mandarin. Achieved global number 1 ranking, white papers published in the prestigious Association for the Advancement of AI (AAAI Silicon Valley).

MIT 2018 - Present

- Formal collaborative study in developing precise risk categorisation technology for machine sense-making in English.

ADDITIONAL SKILLS

- Fluent in English and Mandarin.
- Ability to work seven days a week, 24 hours a day.

AWARDS/ ACHIEVEMENTS

- WatersTechnology Asia Winner of Best AI-Based Solution 2021
- FINOPITCH JAPAN 2021 MUFG Innovation Award Winner for Most Innovative Solution 2021
- Selected by Amazon as potential to be a FinTech leader ready for expansion 2020 in the USA (HQ) hosted at Seattle and New York (Client Introductions).
- Symphony Innovation Award, the early identification of unforeseen risk 2019 and the unique delivery over bots.
- Winner of the Hong Kong FA Fin-Tech Artificial Intelligence Award. 2019
- The United Kingdom Department of International Trade (DIT) award enabling 2018 UK based Investors access to Chinese Markets.
- IMAS Digital Program Award, the 'Players Player Award' by Asset Manager GEOs 2018 who recognized a solution to a real industry problem.
- IA Velocity program awards, voted by 25 London Asset Managers as solving 2018 China A-Shares investment problem for them.

PUBLISHED RESEARCH

- Mining Evidences for Concept Stock Recommendation 2018 Proceedings of NAACL-HLT 2018, pages 2103-2112 New Orleans, Louisiana, USA.
- c2018 Association for Computational Linguistics
- Word-Context Character Embeddings for Chinese Word Segmentation 2017 Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing, pages 771-777 Copenhagen, Denmark.
- c2017 Association for Computational Linguistics Transition-Based Joint Extraction of Entity Mentions and Relations, 2017.
- AAAI Press, Association for the Advancement of Artificial Intelligence, 2275 East Bayshore Road, Suite 160, Palo Alto, California 9430. Knowledge-Driven Event Embedding for Stock Prediction 2016.
- Proceedings of COLING 2016, the 26th International Conference on Computational Linguistics: Technical Papers, pages 2133-2142, Osaka, Japan.
- Measuring the Information Content of Financial News 2016 Proceedings of COLING 2016, the 26th International Conference on Computational Linguistics: Technical Papers, pages 3216-3225, Osaka, Japan.