Jirathip Kunkanjanathorn

🗣 Bangkok 📞 +66 61-146-6922 🔀 jirathip.ku@gmail.com in jirathip-k 🞧 jirathip-k 💻 https://jirathip-k.github.io/ **Education** Master of Data Science – awarded with distinction Feb 2022 - Dec 2023 Weighted Average Mark (WAM) - 84.125/100

Monash University - Melbourne, VIC, Australia

Bachelor of Business Administration – Finance

Chulalongkorn University - Bangkok, Thailand

Aug 2014 - Aug 2018

Skills

Programming Languages

🥏 Python | 🥯 Go | 📆 TypeScript | 🚜 JavaScipt | 👸 HTML | 👸 CSS | 🛢 SQL | 🍞 Bash | 🙌 Fish

Al, Deep Learning, & Machine Learning

Natural Language Processing | Computer Vision | Neutal Network | Generative Al

AI & Deep Learning Frameworks

■ Scikit-Learn | () PyTorch | 🎓 Tensorflow | 🐶 LangChain

Web Development Frameworks

ReactJS | React Native | Expo | FastAPI | Hugo

Web Design & APIs

API Integration | REST API

Development Tools & Infrastructure

🛕 Linux | 🙏 Arch Linux | Ň Neovim | 💠 Git | 👛 Docker | 🚳 PostgreSQL | pgvector | 🥮 Redis

Experience

Portfolio Manager

MFC Asset Management, Bangkok, Thailand

 Managed mutual and provident funds in foreign equity markets with fund size of \$1M to \$200M including developed market fund, Asian fund, Asean fund, and thematic funds to achieve higher than the market benchmark

- · Selected and invested in stocks, ETFs, and mutual funds regarding each fund investment policy to enhance risk adjusted return
- Initiated ideas of and sourced new investments for portfolios through combination of market regime and stocks by visualising data and analyse relevant metrics
- Established portfolio management and security analysis best practices while overseeing company and legal standards
- · Communicated with investment committee, advisory and marketing division monthly regarding current situation, future plan and opportunities
- · Achieved top ten funds performance consistently in developed market, Asian, and Asean funds

Assistant Portfolio Manager

MFC Asset Management, Bangkok, Thailand

Dec 2018 - Dec 2020

Dec 2020 - Feb 2022

- · Researched and forecasted companies outlook on daily basis to assess credit risk and purpose for investment opportunities for domestic fixed income securities and global equities
- Built external relation with potential and current investment opportunities and assessed business direction from high level executives

Investment Intern May 2017 - Aug 2017

FWD Life Insurance, Bangkok, Thailand

- · Forecasted bond issuer's financial outlook and analysed credit risk by incorporating economic outlook and company plans compared to others in the industry
- Collaborated with corporate actuarial division to plan cash flow for asset liability matching

Projects

- Spearheaded the development of a mobile application using React Native and FastAPI in a team with business analysts and frontend developers to aid visitors in Melbourne with navigation and cultural integration. Contributed as a backend developer to the creation of the application, leveraging a pre-trained machine learning model to rank the similarity of user prompts and locations in a vector database - Settle Aid
- Developed synergyservices.co.th using Hugo and coordinated with the marketing manager designing the UX/UI for the website
- · Visualised Tasty recipe and ingredient relationships to highlight the key components in crafting the ultimate dish using D3.js - Tasty Ingredients Pairing