Jirathip Kunkanjanathorn

Bangkok   +66 61-146-6922   jirathip.ku@gmail.com   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   Aug 2014 – Aug 2018
Chulalongkorn University – Bangkok, Thailand

Skills

Programming Languages

Python | Go | TypeScript | JavaScipt | HTML | CSS | SQL | Bash | Fish

AI, Deep Learning, & Machine Learning

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

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 | Neovim | Git | Docker | PostgreSQL | pgvector | Redis

Experience

Portfolio Manager   Dec 2020 – Feb 2022
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   Dec 2018 – Dec 2020
MFC Asset Management, Bangkok, Thailand
- 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