NOPPHANUT NGAMVITROJE

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EDUCATION

National Institute of Development Administration **Bangkok, Thailand**

Master of Science in Financial Engineering August 2019 - Present

- **GPA:** 3.48 / 4.00
- **Relevant Coursework:** Machine Learning, Financial Modeling, Financial Data Analytics

King Mongkut's Institute of Technology Ladkrabang **Bangkok, Thailand**

Bachelor of Engineering in Financial Engineering July 2023

- **GPA:** 3.18 / 4.00
- **Relevant Coursework:** Financial Reporting and Analysis, Equity and Fixed Income Valuation, Portfolio Analysis and Management, Financial Econometrics and Forecasting, and Financial Risk Management

WORK EXPERIENCE

RHB Securities (Thailand) PCL. **Bangkok, Thailand**

Corporate Finance and Capital Market Internship July 2023 – August 2023

- Assisted in share swap deals at Fishmeal Marketing Development (FMD) by determining fair values for FMD and its affiliated companies.
    - Assisted with customer calls, conducted due diligence, and analyzed the CAGR of fish meal prices to contribute to the company's revenue forecasting.
    - Supported with seniors to create PP&E and Loan Amortization tables to forecast and account for the company's capital expenditure depreciation and interest expense, utilizing these tables for a 5-year projected DCF valuation.
    - Created a Market Approach Valuation to determine the company's implied Equity Value based on public companies TEV / EBITDA, P/BV, and P/E multiples, utilizing the SETSMART Database.
- Conducted a Comparable Company Analysis to compare the client's leasing company with others in the market, assisting the decision-making process for RHB Bank loan approval based on metrics such as Debt Service Coverage Ratio, Debt Ratio, Debt to Equity Ratio, Interest Coverage Ratio, etc.

Jitta Wealth Asset Management Co. **Bangkok, Thailand**

Investment Analyst Internship June 2022 – July 2022

- Conducted a Top-Down Analysis of the top 10 Japanese stocks to strengthen the return potential of Jitta Ranking Japan Mutual Funds and presented information on the websites.; The fund grew by 4.78% in 6 months, securing the second position compared to other mutual funds in Thailand that had invested in Japan.
- Supported the Jitta Marketing & Investment Team by writing a script that addressed the issue of the Food Crisis for the CEO's YouTube live session interview, answered customer investment questions, and educated 15 Jitta employees on global economic conditions related to the Sri Lanka Economic Crisis, with the main focus on preparing them for the upcoming recession.

ACADEMIC Project & LEADERSHIP EXPERIENCE

Stock Analysis and Recommendation Framework using Yahoo Finance **Bangkok, Thailand**

Team Leader and Developer November 2023

- Created a Buy, Sell, or Hold Stock Recommendation Program based on Trend Analysis using MACD, SSTOCH, and SAR. Integrated the Finnhub API to retrieve analyst recommendation ratings for individual stocks. Developed a 30-day forward stock linear regression prediction model for forecasting future stock movements, and applied DCF calculations to show the intrinsic value of stocks, achieving a 64% accuracy rate.

A Dynamic Tool for Venture Capital (Final Project for Bachelor's Degree*)*** **Bangkok, Thailand**

Researcher and Developer September 2022 – May 2023

- Improved Krungsri Finnovate's workflow and productivity by analyzing its due diligence factors, suggested new factors to evaluate the potential success of startups, and developed a web application collaboration tool.

KMITL K-Engineering World Tour and Workshop 2023   **Bangkok, Thailand**
PR Staff   August 2023
Promoted the Financial Engineering course through university Facebook Live sessions and provided junior students by offering clear concepts about Financial Engineering.

ACHIEVEMENTS

Top 20th of GSB Business Case Challenge   **Bangkok, Thailand**
Team Leader and Strategy Developer   July 2022
- Worked in a team of 5 and successfully competed among 165 teams by developing a business plan to address the 10.2% loan shark debt problem among grassroots people in Thailand, utilizing a digital platform.

SKILLS, ACTIVITIES & INTERESTS

Languages: Thai (Native), English B2 (Upper Intermediate)
Technical Skills: Bloomberg Terminal, SETSMART, Capital IQ, EViews, Canva, Photoshop, Python, Data Analysis, WordPress, Proficient in Microsoft Office Excel, Words, and PowerPoint
Volunteer Experience: 2023 NIC-NIDA Conference as a Hall Helper
Certifications & Training: Completed BMC courses with a score over 85%
Interests: Crypto Currency, Start-ups, Fintech, Cafe hopping, Gaming, Podcast, Stocks