

# Tanawich Junpoom

📍 Tanawich Junpoom 📧 6734319323@student.chula.ac.th 📞 0950756599

## Profile

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Motivated freshman with a growing passion for quantitative finance and investment strategies.

Building foundational skills in financial modeling, data analysis, and programming, with a focus on applying these to real-world financial challenges. Known for curiosity, analytical thinking, and collaborative problem-solving. Enthusiastic about learning from industry experts and gaining practical experience in investment banking and quantitative finance.

## Education

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**Kamnoetvidya Science Academy** Jun 2021 – Feb 2024

- **Graduate Project:** Popoviciu's inequality in 2 Dimensions

**Chulalongkorn University** , BSc in Pure Mathematics Aug 2024 – Present

**WorldQuant University** , Applied Data Science Lab Nov 2024 – Present

## Achievements

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- Finalist in High School Mathematical Contest in Modeling (HiMCM) 2022
- Third prize in International Tournament of Young Mathematicians (ITYM) 2023
- Bronze medal in Thailand Mathematical Olympiad (TMO) 2023

## Relevant Experiences

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**Build tools for personal investment** Sep 2024 – Dec 2024

- **Portfolio Optimization:** Applying Black-Litterman Model to weight assets in my portfolio
- **Pair Trading:** Making Pair Trading in Companies which are holding or mining BTC

**Knowledge Sharing and Collaboration in Quantitative Finance** Oct 2024 – Dec 2024

- **Quantcu:** Co-head of Mathematics of Quantcu club
- **Quant Circle:** Sharing about Mathematics behind Markov Switching Model
- **Christmas Quant Challenge:** Analyzing a paper about Convex risk measure and sharing on LinkedIn

**Analyzing Stock** Nov 2024 – Nov 2024

- **Analyzing MK group stock:** We use both VI techniques to evaluate the company and Quant technique: Sharpe Ratio for determining value at risk(VaR) compared to food and beverage sector index to decide is it worth for investing

## Relevant Experiences

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**Programming Languages:** Python, L<sup>A</sup>T<sub>E</sub>X

**Mathematics:** Bayesian Statistics, Convex function, Calculus, Research