Thiraphat Ruksujarit (Dan)

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EDUCATION

• **Bayes Business School, City St George's, University of London**   *September 2025 - Present*
MSc Quantitative Finance   London, United Kingdom
  ◦ Relevant Term 1 modules: Stochastic Modelling in Finance, Asset Pricing, Derivatives, and Foundations of Econometrics

• **University of Leeds**   *September 2021 - July 2024*
BSc Computer Science (Hons)   Leeds, United Kingdom
  ◦ Classification: Upper Second Class Honours **(2:1)**

• **The Leys School**   *September 2016 – July 2021*
A-Levels, GCSEs, and English Qualifications   Cambridge, United Kingdom
  ◦ A-Levels: **A*A*AB** – Computer Science, Physics, Mathematics, Further Mathematics
  ◦ GCSEs: **9s** (Mathematics, Art) **8s** (Chemistry, Geography) **7s** (Computer Science, Physics, English Language)
  ◦ English Proficiency: Cambridge Advanced **(C1)**, IELTS **7.0**

• **Moreton Hall Preparatory School**   *June 2014 - July 2016*
Primary Education   Bury St. Edmunds, United Kingdom

EXPERIENCE

• **WorldQuant [ ]**   *May 2025 - Present*
Part-Time Research Consultant   Remote
  ◦ Selected as Part-Time Research Consultant after advancing in the International Quant Championship (IQC), a global alpha research competition hosted by WorldQuant.
  ◦ **Ranked 2th in Thailand**, placing in the **top 1% globally** (Rank 411th out of 75,000+ teams), and 478th in the global Challenge round.
  ◦ Designed and simulated quantitative over 50 alphas using WorldQuant BRAIN, consistently exceeding Sharpe ratios of over 1.25 for Delay-1 and 2.0 for Delay-0 alphas

• **University of Leeds Muay Thai Society [ ]**   *September 2023 - July 2024*
Secretary   Leeds, United Kingdom
  ◦ Elected to oversee administrative duties, and increased the number of members by 65% from the previous year through strategic marketing and member engagement initiatives.
  ◦ **Won Gold** in the 57.1-60 kg male category at the Muaythai GB University Championships (British Nationals).

• **Cambridge Academy of English [ ]**   *June 2019*
Student Assistant   Cambridge, United Kingdom
  ◦ Coordinated group activities for international students, enhancing engagement and cross-cultural communication.
  ◦ Shadowed senior staff to gain operational insight and assisted in improving workflow efficiency.

PROJECTS

• **Stock Decision Support using Candlestick patterns and Machine Learning Methods**   *May 2024*
Tools: [Python, TensorFlow, Scikit-learn, Matplotlib, Keras, Numpy, Pandas, Vectorbt]   [ ]
  ◦ Conducted an individual research focusing on the integration of technical analysis and machine learning in financial trading.
  ◦ Implemented Long Short-Term Memory model with candlestick classification and advanced financial engineering for predictive analysis with adherence to key software engineering principles.
  ◦ Achieved improved model accuracy vs baseline by optimising hyperparameters and different variants of LSTMs.
  ◦ Followed a hybrid of Agile and Waterfall development principles and Git-based version control.

SKILLS

• **Proficient:** Python, C, SQL, Bash. **Intermediate:** C++, Java, JavaScript, HTML/CSS.