Thiraphat Ruksujarit (Dan)

thiraphat-ruksujarit | DanRRR
London, N1 6DX, United Kingdom

EDUCATION

- **Bayes Business School, City St George's, University of London** — *Starting September 2025*
  MSc Quantitative Finance — London, United Kingdom
  ◦ Unconditional offer holder; modules include Stochastic Modelling Methods in Finance, Econometrics of Financial Markets, and Applied Machine Learning.

- **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 alphas using WorldQuant BRAIN, achieving 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
  ◦ Supported coordination of 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.