# Rudy C. Yuen

rcwyuen@gmail.com — rcwyuen.github.io — linkedin.com/in/rcwyuen — github.com/RcwYuen

## EXPERIENCE

**Goldman Sachs (Asia) L.L.C.**  Hong Kong SAR, China
*eFX Quant Researcher & Strategist — Analyst*  May 2025 - Current

**Nomura International Plc**  London, UK
*eFX Quantitative Researcher & Trader — Analyst*  July 2024 - Apr 2025
*eFX Quantitative Developer — Summer Analyst*  June 2023 - Aug 2023

## EDUCATION

**University College London (UCL)**  Sept 2020 — June 2024
MEng Maths & Computer Science (Known By: Mathematical Computation)  First Class Honours

## PROJECTS

**Multi-Instance Transfer Learning on T cell receptor LLMs for Cancer Prediction**
*Project Link:* https://github.com/RcwYuen/TCR-Embeddings
*Manuscript Link:* https://rcwyuen.github.io/docs/dissertation.pdf

- Graduate Dissertation for Master of Engineering degree from UCL, graded 80% (approximately top 90%tile).
- Achieving state-of-the-art AUC ($\geq$99%) in identifying Stage I-IIIa Non-Small Cell Lung Cancer using peripheral T cell receptors repertoires using Python.
- Demonstrating with novelty that LLM embeddings are more effective than traditional physiochemical encodings in representing T cell receptor CDR3s.
- Provided large language model interpretability insights for a subsequently published model.

## SKILLS

- **Programming:** 10+ years of experience in Python, experience with Java, SQL & q/kdb+.
- **Tools and Libraries:** Pandas, Matplotlib, NumPy, SciPy, PyTorch, Scikit-Learn, LaTeX, Microsoft Excel.