

Wong King Long

Quarry Bay | kenwong69973243@gmail.com | [linkedin.com/in/ken-wong-3b10b0267](https://www.linkedin.com/in/ken-wong-3b10b0267)
github.com/WongKingLongKen

PROFILE

Investigative and enthusiastic University Student working towards a **B.S. in Mathematics (Financial and Actuarial Mathematics track) with an extended major in Artificial Intelligence.**

EDUCATION

The Hong Kong University of Science and Technology, BS in Mathematics (Financial and Actuarial Mathematics track) with an Extended Major in Artificial Intelligence Sep 2022 - Present

WORK EXPERIENCE

Actuarial Intern, FWD Insurance – Quarry Bay Jun 2024 - Jan 2025

- Worked at modelling team and completed SOA P exam during the internship
- Compared the variance between pricing model and our model using Prophet (a modelling software for actuaries)
- Derived some excel tools, python scripts (uploaded on github) for data entry, e.g. making accumulation lists, adding new products monthly, with the use of VBA and Pandas
- Estimated AWS charges (cloud computing system) using python script

COMPETITION

CBSA-Wisers Analytics Challenge Dec 2023 - Jan 2024

- First Round @HKUST Business School
- Position: Analyst (Using time series analysis to examine how online search trends from 2020 to 2023 relate to Hong Kong's economy)

Cathay Hackathon Sep 2024 - Nov 2024

- Semi-final @Cathay Pacific
- Position: Developer (Using a regression model to predict the amount of airline leftovers for waste management | Python with Tensorflow)

PROJECTS

New Insurance Product Duplicating Tool github.com/CreationofnewProducts

- Developed a Python script to automate the duplication of new insurance products, streamlining the process and saving valuable time for interns
- Tools used: Python with xlwings

Drift game github.com/Drift.gaming

- Imitated NS-Shaft that is an arcade game where players guide their character down a series of floors in an endless shaft
- Tools used: C# and Unity

LANGUAGES

- Cantonese
- English
- Mandarin