

WONG Shing Hei, Kelvin

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EDUCATION

- **The Chinese University of Hong Kong** Hong Kong
Postgraduate Diploma in Education (Mathematics) Sep. 2024 –
- **The Chinese University of Hong Kong** Hong Kong
B.Sc. in Mathematics (Computational Big Data Analytics), minor in Philosophy Sep. 2018 – Jul. 2022
- **Christian Alliance S C Chan Memorial College** Hong Kong
HKDSE: 5 in Mathematics, 5* in M2* Sep. 2012 – Jun. 2018

EXPERIENCE

- **Cumberland Presbyterian Church Yao Dao Secondary School** Hong Kong
Mathematics Teacher Sep. 2023 – Present
 - **Mathematics Education:** Taught S1, S3 and S4 Mathematics
 - **S1 Class Teacher:** Managed diverse backgrounds of students and Communicated with their parents
 - **Potential Development Committee:** Organised the OLE Day and Analyzed the feedback of students
 - **Inclusive Education Committee:** Supported learning assistance and career activities of SEN students
- **Bupa** Hong Kong
Data Analyst Sep. 2022 – Jul. 2023
 - **Reporting:** Built Sales Performance Dashboard and 3 other monthly reports using Excel, Power BI and SQL
 - **Data Preparation:** Automated Sales Commission Calculation for the Sales Team with 500 lines of SQL script
 - **Web Scraping:** Created Web Scrapers for extracting physicians' information using Python and Selenium
 - **Communication:** Communicated across 4 different teams and assist with their ad-hoc requests
- **The Lane Crawford Joyce Group** Hong Kong
Data Scientist Intern Jun. 2022 – Aug. 2022
 - **CRM:** Developed scalable CRM solutions for the Loyalty Tier Optimization project and 3 other projects
 - **Data Analysis:** Mined, Manipulated and Performed Data Analysis on multiple datasets using Python and SQL
 - **Research:** Researched 4 Fashion Technology and Computer Vision related open-source projects, and wrote 6 Confluence pages to highlight the flow and result of each research project
- **InnoBlock Technology Limited** Hong Kong
Computer Vision Engineer Intern Jul. 2021 – Aug. 2021
 - **Data Preparation:** Improved the Cybersecurity AI model by creating datasets with over 15,000 images
 - **Machine Learning:** Trained the Real-Time Object Detection models iteratively using the YOLO algorithm

CERTIFICATIONS AND AWARDS

- **Certificate in PDP for Mathematics Teachers (Learning and Teaching of M2)** CUHK
Completed 24 hours of study about Subject knowledge, Pedagogical content knowledge and Use of IT in M2 Jan. 2024
- **Deep Learning Specialization** DeepLearning.AI
Completed a series of 5 online courses about Deep Learning concepts and Machine Learning strategies Nov. 2022
- **Enrichment Program for Young Mathematics Talents** CUHK
Received a Credit Award in "Towards Differential Geometry" and a Scholarship of HK\$1000 Aug. 2017
- **Secondary School Mathematics and Science Competition** PolyU
Won a High Distinction in Mathematics (Top 15% among 2,800 participants) Apr. 2017

PROJECTS

- **Worksheet Generator:** Generating worksheets on different mathematics topics using \LaTeX
- **GeoGebra Resources:** Creating public resources to visualize mathematics using GeoGebra
- **GitHub:** <http://github.com/kelvinshwong>