

POK WAH CHAN (BILL)

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EDUCATION

- MSc in Computing (Management and Finance)** Oct 2020 -Oct 2021
Imperial College London, United Kingdom
- BEng in Computer Science & BBA in General Business Management (Dual Degrees)** Sep 2016 – Jul 2020
Hong Kong University of Science and Technology (HKUST), Hong Kong SAR
- CGA 3.66 / 4.0 | First Class Honours on both degrees | Dean's Lists | HKUST Scholarship Schemes | HKUST Admission Scholarship | Shanghai Commercial Bank Scholarship

WORK EXPERIENCE

- BANK OF CHINA (HONG KONG) – FinTech (Application Development) Intern** Jul 2020 – Oct 2020
- Collaborated interdepartmental effectively in system requirements analysis, design, and evaluation on 3+ banking Robotic Process Automation (RPA) projects, and facilitated seamless transition from manual to RPA-based solutions.
 - Designed and developed Auto-Password Changer for 5+ core banking systems, and Daily Deposits & Loans Reporting Automation for ALM department on 1K+ HK and SEA branches using Blue Prism RPA.
 - Applied ETL process and implemented a banking liquidity monitoring system based on processed data from various data sources/portals (i.e., SAP by HKICL, internal CIPS and CMI system).
- IMAGINE SOFTWARE (HONG KONG) – Financial Technology Intern** Dec 2019 – Jan 2020
- Processed 10K+ Reuters market data to facilitate P&L/Cash reconciliation analysis and data cleansing using JavaScript & Python. Validated inputs and payoff of pricing models against term sheets of OTC structured products.
 - Improved new security uploading system with additional automation support for convertible bonds. Deployed to proprietary Imagine Financial Platform within 1 month of development.
 - Implemented enhancement for data integration and associated technologies across the full stack of the Imagine Financial Platform, submitted 10+ success pull requests with approval.
- THALES TRANSPORT & SECURITY (HONG KONG) – IVVQ T&C Software Intern** Jun 2018 – Nov 2018
- Developed Automated Tool for conducting DDQS workflow testing on the main control system of Sydney Metro and Hong Kong MTR through point-to-point connection between station equipment and central server using Java.
 - Integrated Execution Report feature to existing testing software, to support exporting testing history to a standardized format for management Inspection. Implementation is based on Java Apache POI and Excel.
 - Implemented full-stack Real-time trend online platform for monitoring station equipment data using Angular 5, and integrated to the ongoing Shatin-Central Link project.
- CHINA LIGHT & POWER (HONG KONG) – IT Intern** Jun 2017 – Jul 2017
- Created Monitoring Dashboard for managing and tracking 2K+ construction permit's progress via Excel VBA.
- METEORSPARK (HONG KONG) – Quality Assurance Engineer (Part-Time)** Apr 2017 – Jul 2020
- Implemented automated & manual testing for releasing product versions via Jest & Puppeteer based on Chromium, then prepared detailed logs and reproduction steps for each version from v1.40.0 to v3.52.0 (300+ versions).
 - Formed 100+ automated regression test cases on website while adhering to established website quality standards.
 - Inspected and executed penetration testing regularly to identify security loopholes (XSS and CSRF vulnerabilities).

LEADERSHIP EXPERIENCES

- Cyberport CCMF Greater Bay Area Young Entrepreneur Program – D.King Co-Founder** Jan 2021 – Present
- Launched startup D.King, to improve student engagement when attending K12 online learning courses in Mainland China. Developed engagement detection module using ML-based gaze estimation and head movement tracking.
- Deloitte China's Fourth Digital Difference Camp (Finalist) – Solution Developer** Jun 2020 – Jul 2020
- Proposed innovative data-driven shelf optimization system for China supermarket retailers to achieve optimal shelf assortment plans with 2-5% like-for-like projected annual sales growth during the Semi-Final competition.
 - Collaborated with a team of five in prototyping and presenting retail site selection tools for the domestic beauty industry to incorporate 'New Retail' concept based on big data analysis in social data, geographic data and POI data.
- HKUST Path Advisor Image-based Localization – Team Leader & Presenter** Apr 2019 – Jun 2020
- Developed and trained a multi-class image classification model (Support 116 locations), along with feature matching algorithms to support image-based campus-wide localization features, using Keras, TensorFlow and OpenCV.
 - Achieved 60.12% and 84.74% accuracy for exact matching and Top-5 matching to locate users anywhere in the campus, and obtained approval to be included as the official university guidance utility.

LANGUAGES & PROFESSIONAL SKILLS

- Languages:** English (Proficient), Mandarin (Native), Cantonese (Conversational)
- Skills:** Java, Python, Angular, PHP, SQL, MongoDB, NLP, Blockchain, Machine Learning, Tableau, Blue Prism RPA