Pok Wah CHAN

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WORK EXPERIENCE

Financial Technology Intern
Imagine Software

12/2019 – 01/2020   *Hong Kong*
Multi-national leading provider of real-time investment management solutions

- Processed market data retrieved from Reuters to facilitate P&L/Cash reconciliation analysis and data cleansing using JavaScript and 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.
- Implemented enhancement for data integration and associated technologies across the full stack of the Imagine Financial Platform.

IVVQ T&C Software Intern
Thales Transport & Security (Hong Kong) Ltd

06/2018 - 11/2018 & 07/2019 - 08/2019

- Developed Automated Tool for conducting Design, Develop and Qualify the Solution(DDQS) workflow testing on the main control system of Sydney Metro and Hong Kong MTR. Front-end implementation based on JavaFX, Back-end based on Java, Hibernate ORM & SQLite, Communication Protocols for testing equipment based on Modbus, IEC-104 and CLP.
- Materialized Execution Report feature, to support exporting testing history to standardized format for management Inspection. Implementation based on Java Apache POI and Excel.
- Implemented full-stack Angular 5-based Real-time trend online platform for monitoring station equipment data. Back-end implementation based on STOMP WebSocket Interface, for retrieving data from Thales SCADASoft Connector.

Software Engineer Intern
China Light & Power (CLP) Hong Kong

06/2017 – 07/2017   *Hong Kong*
Multi-national vertically-integrated electricity supply company

- Researched and developed Monitoring Dashboard for managing and analyzing construction permit progress and status. The dashboard is presented using Excel VBA, while data analysis is handled via Python 3.
- Participated and collaborated with a team of five in construction management solution exploration, sourcing, analysis, evaluation and recommendations.
- Implemented automation improvement on the current data handling system, including contractor monthly high-risk activities reporting system, KPI reporting system, etc.

Quality Assurance Engineer
MeteorSpark

04/2017 – Present   *Hong Kong*
Hong Kong based premium software development & consultancy company

- Implemented automated testing for releasing product versions via Jest and Puppeteer based on Chromium, then prepared detailed logs and reproduction steps for each version from v1.40.0 to v3.18.1 (200+ versions).
- Formed 100+ regression testing includes test automation on the JustDo project while adhering to established website quality standards.
- Inspected and executed penetration testing regularly to prevent security loopholes such as XSS, user session and HTTP method vulnerabilities.

PROGRAMMING SKILLS

Java   Python   C++   SQL   R

Angular   Excel VBA   PHP   VCS

Machine Learning   Data Mining

EDUCATION

Dual Degree Program (BEng in Computer Science + BBA Business Management)
Hong Kong University of Science and Technology

09/2016 – 05/2020

PROJECTS

Fidelity International Academy (09/2019 – Present)
- Managed US$ 250K equivalent Paper Portfolio into listed shares on major exchanges in Asia over one year based on fundamental analysis.
- Conducted research into drivers of Earnings and Returns for the targeted shares, and pitch thesis to senior manager in Fidelity.

Thales Project Arduino (10/2017 – 12/2017)
- Designed and implemented an Arduino-based aircraft marshaling system using OpenCV and PixyCam for image processing.
- Won 3rd place in global Thales Arduino competition due to the creativity and influence of our product on Thales's Aerospace market focus.

LANGUAGES

Mandarin
Native or Bilingual Proficiency

English
Full Professional Proficiency

Cantonese
Elementary Proficiency

AWARDS & SCHOLARSHIPS

1st Place in Project Arduino Competition (Greater China Region) (2017)
Thales Group

Dean's List (2019)
Hong Kong University of Science and Technology