



HO MING WONG ALEX

SOFTWARE ENGINEER

CONTACT

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EDUCATION

B.sc in Computer Science

City University of Hong Kong

2019-2022

Higher diploma in Software Engineering

Hong Kong Institute of
Vocational Education

2017-2019

PROJECT

- Trasy (Barter), Kotlin, Android Studio
[Github](#)
- Blue Cross (Business project), Kotlin,
Android
[Google Play Store](#)
- Infinitus Plaza (Business project), Kotlin
[Google Play Store](#)

LANGUAGE

English/ Mandarin/ Cantonese

VOLUNTEER

- YWCA Volunteer (2019-2021)
- STEM instructor (2018-2019)

WORK EXPERIENCE

Development Engineer

Philips Lighting (Signify)

03/2022 - 05/2023

- Coordinated the whole new in **app advertisement section** that launched in most of the South Asia country and region.
- Data driven to rationalize the user flow by integrating with **Google Analytics** into products.
- Coordinated **localization** OTA (Over-The-Air) flow, enhancing user engagement and ensuring localization updates, that reach all countries and countries where applications are available.
- Initiate **blackbox testing** and troubleshooting potential bugs that might affect the whole Asia region which is multilingual.
- Transform the abstract study topic to the solid solution and implementation in a tight timeframe.
- Facilitated by **Agile SDLC** and using **SAFe** Agile frameworks.
- Tech stack: Java, Flutter, SQLite, Retrofit and Glide.*

Software Developer

Hong Kong Technology Venture (HKTV/HKTV Mall)

07/2021 - 03/ 2022

- Created and deployed the HKTV Mall Android mobile application, supporting **high concurrent usage > 10,000 users** at the same time and receiving an average of 32,600 orders per day during COVID-19.
- Orchestrated the promotion and advertisement functionalities which can **reach >250,000 people** in Hong Kong .
- Facilitated the mobile payment section flow, integrating secure and seamless **payment options**, enhancing user convenience and optimizing the overall shopping experience.
- Performed **Unit testing with 100% line coverage** to ensure the quality of application.
- Integrated Google Analytics into products, providing marketing value to different business parties.
- Tech stack: Android with MVC and MVP pattern, Java, SQLite, Retrofit, Room and Glide.*

Mobile Application Developer

InnoPage Limited

06/2020 - 06/2021

- Responsible for developing Android applications for various Hong Kong enterprises, showcasing proficiency in mobile application development and delivering high-quality, user-friendly solutions.
- Proposed and Implemented **CI/CD workflows** to streamline the process of building and deploying mobile applications in production environments, shorten the delivery process to **1-2 hours** per day.
- Composed a "starter template project" to shorten the time of development process on membership application especially.
- Created **Unit testing in UI test** and debugging to identify and resolve issues in previous applications, can trackdown 3-5 potential flaws per week.
- Tech stack: Android with MVVM pattern, Kotlin, Java, SQLite, Retrofit, Room and Glid*