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<http://ckvjacky.ca>

## Objective

Passionate about coding and its positive impact. Committed to producing high-quality code, continuously learning new trends and technologies to address real-world challenges.

## Highlighted Skills

### // Coding

[Python](#) [Django](#) [JavaScript](#)  
[Java](#) [C](#) [SQL](#) [React Native](#)  
[Deep Learning](#) [Git](#) [Jenkins](#)  
[Docker](#)

### // Expertise

- Project Management
- System Analysis & Solution Design
- System Developer

## Education

**Bachelor of Engineering in Electronic Engineering**  
The Hong Kong University of Science and Technology (HKUST) 2016-2020

## Projects

- **Personal Website**  
<http://ckvjacky.ca>
- **Motion Tracking with Biological signals and deep learning**  
[https://youtu.be/BvVN7xhin\\_0](https://youtu.be/BvVN7xhin_0)
- **Auto-following Car**  
<https://youtu.be/iAUTrvcoG1g>

# JACKY CHONG

## Software Engineer

Eligible holder of Open Work Permit | Available immediately

## ACHIEVEMENTS

- Experienced in **FinTech** solutions project management
- Solid background in **Linux Operating System, WhatsApp Business API and Backend Server** development and maintenance
- Developed Proof-of-Concept program to sell **Hyperledger Fabric blockchain** solution to business users
- Developed **Graphical User Interface** for Optical Product Testing Team

## WORK EXPERIENCE

### ○ PrimeCredit Limited / Software Engineer – FinTech Innovation

From Jun 2022 to Apr 2023

- Developed Proof-of-Concept program & presented to business users the potential of **blockchain** in streamlining Loan Application Process
- Diagnosed and resolved technical issues, added new features, and performed upgrades and deployments for the **backend server - Django** for **WhatsApp Business API**
- Kickstarted the migration from On-Premises to Cloud API for **WhatsApp Business API**
  - Guided vendors and business users to define the **project scope** and outline **project requirements**
  - Conducted **contract** and **risk assessments** with project stakeholders in compliance with the company's regulation
- Revamped functions within a **Java-based** Customer Data Platform - **Spring Boot**

### ○ Cloud Light Technology Limited / Firmware Design Engineer

From Jul 2021 to Jun 2022

- Designed, developed and tested software, **embedded firmware** and **bootloaders** for 400G/ 800G optical transceivers in **C/C++**
- Developed and maintained the proprietary Firmware Upload Software - **Python PyQt5 GUI**
- Worked closely with testing team, hardware team and chip vendors to validate hardware assisting technical leads and fellows with architecture discussions and investigating design tradeoffs

### ○ Cloud Light Technology Limited / Product Design Engineer

From Jun 2020 to Jul 2021

- Developed **Python based Hardware Diagnostic UI and testing software** for automated firmware verification, products/components evaluation and demo
- Performed different types of PCB Flying Probe tests and failure and data analysis for design and yield improvement
- Worked with PCB and Firmware Design Engineers to ensure designs are optimized for production and are compatible with other elements of the design

### ○ The Hongkong Electric Co., Ltd. / Vacation Trainee (Projects Division)

From Jul 2019 to Aug 2019