

Personal Info

Address: North York, ON, Canada
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Website: <http://ckyjacky.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](#) [PyTorch](#)
[Deep Learning](#) [Git](#)
[Jenkins](#) [Docker](#)

// Expertise

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

Education

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

Projects

- **IKEA Clone**
<http://ckyjacky.ca:5001>
- **Personal Website**
<http://ckyjacky.ca>
- **Motion Tracking with Biological signals and deep learning**
https://youtu.be/BvVN7xhin_0
- **Auto-following Car**
<https://youtu.be/iAUTrvcoG1g>

JACKY CHONG

Software Engineer/ Developer

Available immediately

ACHIEVEMENTS

- ◆ Developed and hosted a [personal](#) and [IKEA-clone](#) websites using React, Spring Boot and MySQL, demonstrating robust **full-stack development** expertise
- ◆ Enhanced **Django Backend Server** that served 40 **WhatsApp Business APIs** – 400k messages per month, resolving technical issues and improving functionality
- ◆ Initiated a **Blockchain** project, presenting a Proof-of-Concept for efficient loan processes across three major Hong Kong financial institutions
- ◆ **Boosted and optimized testing efficiency** by rebuilding the Hardware Diagnostic GUI from LabView to **PyQt5**, **streamlining the testing process**

WORK EXPERIENCE

Best Buy Canada / Computing Solutions Advisor

Toronto, Canada, from Sep 2023 to Present

- Offered **personalized guidance**, explaining features, specifications, and benefits to customers, empowering them to maximize the potential of their computing devices
- Demonstrating in-depth product knowledge for effective **upselling and cross-selling** of computing devices and accessories

PrimeCredit Limited / Software Engineer – FinTech Innovation

Hong Kong, from Jun 2022 to Apr 2023

- Developed and presented a **Proof-of-Concept program** to demonstrate the **blockchain's** potential in optimizing the Loan Application Process
- Managed the **WhatsApp Business API (WABA)** and its **Django-based Backend Server**, ensuring its consistent and optimal performance
- Led **On-Premises to Cloud API migration** for **WhatsApp Business API** and its **backend server**, guiding vendors and users in project scope, requirements, contracts, and risk assessments for compliance
- Enhanced functionalities within a **Java-based Customer Data Platform** using **Spring Boot**, contributing to system refinement

Cloud Light Technology Limited / Firmware Design Engineer

Hong Kong, from Jul 2021 to Jun 2022

- Designed, developed and tested **C/C++ software, embedded firmware and bootloaders** for cutting-edge 400G/ 800G optical transceivers
- Developed and upheld the proprietary **Firmware Upload Software PyQt5 GUI**
- Collaborated with cross-functional teams, including testing, hardware, and chip vendors, to validate hardware and support technical leads in architecture discussions and design tradeoffs

Cloud Light Technology Limited / Product Design Engineer

Hong Kong, from Jun 2020 to Jul 2021

- Developed a **Python based Hardware Diagnostic GUI (PyQt5)** and **testing software** for automated firmware verification, products evaluation and demo
- Conducted diverse **PCB Flying Probe** tests and failure and data analysis for design and yield improvement
- Collaborated with PCB and Firmware Design Engineers to optimize designs for production and ensure compatibility with chips & components

and more