

# GUANLIN (DAVID) JIANG

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## WORK EXPERIENCES

### Moon Lab Limited

*Hong Kong SAR (on site)*

- Backend & Blockchain Software Engineer Internship (Full Time)

Jan 2024 - July 2024

- Developed a payment & sharing system for coupons and gift-card transfer.
- Implemented a loyalty points earning and redemption system to enhance customer engagement.
- Designed and implemented a reference & e-mail verification system leveraging Firebase Storage and PostgreSQL.

### Evergreen Wearable Technology Limited

*Hong Kong SAR (on site)*

- Full Stack & Web3 Development Internship (Full Time)

Aug 2023

- Implemented the Crypto Spot Trading Platform with the chart by React.JS.
- Implemented the Backend Trading API with Exchange Platform (DEX & CEX) by Python.

- Development Apprenticeship (Part Time)

Feb 2023 - May 2023

### Omniscol

*Paris, France (on site)*

- Information Technology Internship (Full Time)

June 2023 - July 2023

- Implemented the REST API use Node.JS to create the online meeting on MS Teams, Zoom, Google Meeting, and the API for Google Classroom Creation.
- Implemented the phone APP use React Native and Expo in TypeScript, also make the OAuth2 in APP login.

## EDUCATION

**B.Sc (HONS) in Computer Science**, The Hong Kong Polytechnic University (Hong Kong SAR)

2021 - 2025

- Nominated & Exchanged to Fudan University (Mainland, China) & University of Cambridge (UK)

- Student Representative For Department of Computing, Class of 2025

## SKILLS

### Programming Language

JavaScript, TypeScript, Python, Java, SQL, Solidity, Swift

### Framework & Database

Node.JS, REST, GraphQL, Next.JS, React.JS, React Native, MySQL, MongoDB

### Language

English (Fluent), Chinese (Native), French (Beginner)

## PROJECTS

### Teacher Searching Platform (Next.JS + Node.JS + MySQL)

Aug, 2023 - Current

- Implemented a search engine to search the PolyU teachers using RESTful styles to implement backend API.

- GitHub: SkyProton & Website: search.skyproton.com

### Budget iOS APP (Swift + SQLite)

Mar, 2023 - Current

- Apple Store: ReBudget & GitHub: Budget-iOS-APP

## HONOURS & AWARDS & CERTIFICATIONS

**Software Engineering Virtual Experience** — J.P. Morgan & Forage

2023

**Postman API Fundamentals Student Expert** — Postman

2023

**PolyHack2023 Hackathon - Merit Award** — PolyHack Organizing Team & HKPolyU & HKSTP

2023

- Team Leader & Developer

**PolyHack2022 Hackathon - Honourable Mentions Award** — Google Developer Student Club – PolyU

2022

- Team Leader & Developer