

GUANLIN (DAVID) JIANG

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WORK EXPERIENCES

Moon Lab Limited

Hong Kong SAR (on site)

- Software Engineer Internship (Full Time)

Jan 2024 - July 2024

- Developed a payment & sharing system for coupon transfer on the blockchain with key generate & signing.
- Implemented a loyalty points earning and redemption system to enhance customer engagement.
- Developed a SAAS Platform using Firebase to integrate with SolidJS & TypeScript for GCP Cloud Functions.
- Designed and implemented a reference & e-mail verification system leveraging Firebase Storage and PostgreSQL.
- Used Google Cloud Platform & AWS & Firebase to structure and build the system.

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 ReactJS.
- Implemented the Backend Trading API with Exchange Platform (DEX & CEX) by Python.

Omniscol

Paris, France (on site)

- Information Technology Internship (Full Time)

June 2023 - July 2023

- Implemented the API to create the online meeting and the Google Classroom Creation API.
- 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	NodeJS, RESTful API, GraphQL, NextJS, ReactJS, React Native, DevOps
Database	MySQL, MongoDB, PostgreSQL, Oracle
Language	English (Fluent), Chinese (Native), French (Beginner)

PROJECTS

Teacher Searching Platform (NextJS + NodeJS + MySQL + Cloud Server)

Aug, 2023 - Current

- Implemented the Auth System for users to login which are using the JWT token and Google OAuth2.0.
- The backend is deployed & maintained using the cloud server and also built network rules, firewalls, and blacklist.
- GitHub: SkyProton & Website: search.skyproton.com

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