

GUANLIN (DAVID) JIANG

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WORK EXPERIENCES

Moon Lab Limited

Hong Kong SAR (on site)

- Backend 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.
- 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 React.JS.
- 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 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	Node.JS, RESTful API, GraphQL, Next.JS, React.JS, React Native, DevOps
Database	MySQL, MongoDB, PostgreSQL, Oracle
Language	English (Fluent), Chinese (Native), French (Beginner)

PROJECTS

Teacher Searching Platform (Next.JS + Node.JS + MySQL + Cloud Server)

Aug, 2023 - Current

- Implemented the search engine to search the PolyU teachers to implement backend API.
- 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