

# GUANLIN (DAVID) JIANG

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## WORK EXPERIENCES

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### Backend & Blockchain Development Internship (Full Time)

Moon Lab Limited

Jan 2024 - July 2024  
*Hong Kong SAR (on site)*

### Software Engineering Virtual Experience on Forage

J.P. Morgan

October 2023  
*Remote*

- Used JPMorgan Chase's open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

### Full Stack & Web3 Development Internship (Full Time)

Evergreen Wearable Technology Limited

Aug 2023  
*Hong Kong SAR (on site)*

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

### Information Technology Internship (Full Time)

Omniscol

June 2023 - July 2023  
*Paris, France (on site)*

- 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.
- Implemented the push browser notifications in both online and offline cases.

### Development Apprenticeship (Part Time)

Evergreen Wearable Technology Limited

Feb 2023 - May 2023  
*Hong Kong SAR (on site)*

- Implemented the GameFi Web APP connect to Web3, and developed the DApp on Ethereum.
- Wrote Solidity Smart Contract and use Node.JS to deploy on Ethereum (EVM).

## EDUCATION

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**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

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### 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

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### To-do List RESTful API (TypeScript + Fastify + MongoDB)

Nov, 2023

- Implemented a to-do list restful backend API to manage and organize tasks.
- Use MongoDB to store the user and task schemes.
- GitHub: [Todo-List-Fastify-RESTAPI](#)

### 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.
- Implemented the auth System for users to login which uses the JWT token.
- Use MySQL database to store the API key which encrypts with user Email.
- GitHub: [SkyProton](#) & Website: [skyproton.com](#)

### **Budget iOS APP (Swift + SQLite)**

Mar, 2023 - Current

- Making a Budget APP by Swift (APP) & SQLite (Database) that can record transactions offline for the user.
- Apple Store: ReBudget & GitHub: Budget-iOS-APP

### **Web3 Searching Platform (React.JS + Node.JS + MySQL)**

Apr, 2023

- Made a search engine to search the blockchain information using the own built REST API.
- GitHub: Web3-Searching-Platform & Website: web3.search.guanlin.life

### **E-Store Backend REST API (Node.JS + MySQL)**

May, 2023 - Current

- Use Node.JS with MySQL database to do the Backend REST API which has JWT Authorization
- GitHub: <https://github.com/David200308/E-store-Backend-API>

## **HONOURS & AWARDS & CERTIFICATIONS**

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**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