GUANLIN (DAVID) JIANG

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WORK EXPERIENCES

Moon Lab Limited — *Hong Kong SAR (on site)*
Software Engineer Internship (Part Time) — September 2024 - December 2024

Software Engineer Internship (Full Time) — January 2024 - August 2024

- Developed a transfer & earning system for the coupon on the blockchain. (Blockchain, Fastify, TypeScript, API)
- Developed a SaaS Platform with 3-4 companies starting to use it. (GCP, TypeScript, Solidity, Solid.JS, Firebase)
- Participated in the development of the enclave blockchain wallet. (AWS, Python)
- Designed and implemented a reference & e-mail verification system leveraging. (Firebase, PostgreSQL, Fasitfy)

Omniscol — *Paris, France (on site)*
Information Technology Internship (Full Time) — June 2023 - July 2023

- Implemented the API to create online meetings on MS Teams, Zoom, and Google Meetings, and the API for Google Classroom Creation, and already have 10 more schools using it. (Node.JS, REST API)
- Participated in the development of the phone APP. (React Native - Expo, TypeScript, OAuth2.0)
- Implemented the push browser notifications in both online and offline cases.

Evergreen Wearable Technology Limited — *Hong Kong SAR (on site)*
Full Stack & Web3 Development Internship (Full Time) — August 2023

- Implemented the Trading Exchange Platform (DEX & CEX). (Python, Flask, REST API, React.JS)

Development Apprenticeship (Part Time) — February 2023 - May 2023

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	Nest.JS, Express.JS, Fastify.JS, React.JS, Solid.JS, React Native
Database	MySQL, MongoDB, PostgreSQL, Oracle
Cloud Platform	AWS, Google Cloud, DigitalOcean
Language	English (Fluent), Chinese (Native), French (Beginner)

PROJECTS

Authentication RESTFul API (TypeScript + Nest.JS + MySQL + Docker + Cloud Server)
- Implemented the Auth System for users to log in using the JWT token, Google, and Facebook OAuth2.0.
- The backend is deployed & maintained using the cloud server and also built network rules, firewalls, and blacklist.
- GitHub: SkyProton-Backend-API & Website

Budget iOS APP (Swift + SQLite)
- Making a Budget APP by Swift (APP) & SQLite (Database) that can record transactions offline for the user.
- 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