GUANLIN JIANG (DAVID)

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WORK EXPERIENCES

Software Engineering Virtual Experience on Forage — October 2023

J.P. Morgan — *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) — Aug 2023

Evergreen Wearable Technology Limited — *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) — June 2023 - July 2023

Omniscol — *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) — Feb 2023 - May 2023

Evergreen Wearable Technology Limited — *Hong Kong SAR (on site)*

- Implemented the GameFi Web APP connect to Web3, and developed the DApp on Ethereum.

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, Python, TypeScript, Java, SQL, Solidity, Swift
Framework & Database	Node.JS, REST, GraphQL, Next.JS, React.JS, React Native, MySQL, MongoDB
Language	English, 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.
- Implemented the auth System for users to login which uses JWT token.
- 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

HONOURS & AWARDS & CERTIFICATIONS

Postman API Fundamentals Student Expert — Postman   2023

PolyHack2023 Hackathon - Merit Award — PolyHack Organizing Team & HKPolyU & HKSTP   2023

PolyHack2022 Hackathon - Honourable Mentions Award — Google Developer Student Club – PolyU   2022