

# Liang, Wei – Jie (Jay Liang)

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## EDUCATION

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**National Taiwan University** Sep. 2015 — Jan. 2018  
*Department of Management Information System, Master degree*

**National Taiwan University** Sep. 2010 — Jan. 2015  
*Department of Management Information System, Bachelor degree*

## PROFESSIONAL EXPERIENCE

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**Vibranium Labs**, AI On-call Engineer Feb. 2025 — Now  
*Senior Product Engineer, 1st hire*

- At Vibranium Labs, we build AI on-call engineers to be the first responder of every incident, providing observation, analysis, insight and suggested actions on the fly, with postmortem and RCA at the end.

**BlueX Trade**, FreightTech Platform Feb. 2021 — Jan. 2025  
*Software Development Manager & Architect*

- Developed DocGrouper: Created a system that automatically links commercial invoices with supporting documents using key fields like BL and PO numbers, achieving a 97.5% recall rate. Played a key role in enhancing the Payables feature by automating document grouping, significantly improving user experience and saving customers time.
- Developed DocChecker, a web application that optimizes the FinOps workflow by presenting key information extracted via Google Doc AI from varied-format logistics documents in tables with discrepancy indicators, enabling efficient consistency checks.
- Developed CreditPackage, a service that uses OCR and LLM for efficient extraction and analysis of customer financial statements, improving KYC procedures.
- Led the Product Development Team, conducting weekly one-on-one meetings for personalized mentoring, aiding in achieving personal objectives and ensuring alignment with company strategy.
- Orchestrated resource allocation and progress tracking for the Product Development Team, guaranteeing consistent, on-target feature delivery each sprint.
- In charge of leading the Product Development Team to build BlueX Pay, our main product of ocean freight financing, from inception to production.
- Led the refactoring and migration from Vue 2 to Vue 3 for GreenX, our white-label ocean freight e-commerce solution, enhancing best practice adoption.
- Established coding conventions and best practices, and made architectural decisions on data and components.

**Hang Jian Tech**, UAV applications Sep. 2019 — Dec. 2020  
*Chief Technology Officer*

- Lead and manage the R&D department to ensure successful delivery of all projects and build long term competitiveness to align business strategy.
- Do scrum coaching, prioritize tasks, allocate resources and organize R&D members to assist them achieving tactical objectives.
- Design architecture of a system called Topology that enables UAV with 4G/5G connection, which facilitates remote control and mission planning without distance limitation, based on Node.js, React.js, AWS, Apache Pulsar.

**ALCHEMA**, IoT company

Sep. 2016 — Aug. 2019

*Software Director, Backend Developer*

- In charge of software development roadmap planning to support business strategies.
- Establish KPI and do agile coaching, lead the mobile app dev team to fulfill strategic goals.
- Build the whole RESTful API backend(Node.js) with my own rapid development library j2s.
- Design scalable infra architecture with AWS ECS, automate deployment with Terraform.
- Build web app for data management, monitoring and measurements with React & Redux.
- Work as full-stack developer to maintain Android & iOS production app (Java & Objective-C).

**Tagtoo**, RTB company

Feb. 2016 — Aug. 2016

*Contract Architect*

- Optimize developing process by containerizing building environment with GCP.

**Vpon**, RTB company

July 2015 — Jan. 2016

*Internship*

- Survey Kubernetes to help the company migrate applications onto it, deployed by Ansible.
- Investigate MySQL Fabric for sharding, and AWS CloudFormation for system deployment.

**Somer**, startup team

Apr. 2014 — Sep. 2015

*Co-founder, Android Developer, Backend Manager*

- An anonymous social platform for people to truly express themselves with their real friends.
- 100,000 total registered users, rated 4.08 on Google Play.
- Responsible for the whole app on Android platform, and server side powered by Parse.

**j2s**, npm modules

June 2016 — May 2018

*Publisher*

- Open source project for rapid RESTful API construction in Node.js.
- <https://www.npmjs.com/package/j2s>

## **HONORS**

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**Silicon Valley Taiwan Program**

Jan. 2015 — Jan. 2015

- Selected as one of the 10 teams to participate a 2 weeks program at P&P Tech Center, San Jose.

**From IP to IPO Program**

Jun. 2014 — Oct. 2014

- Top 10 out of 40 teams in this startup competition, won 500,000 NTD prize.

**FbStart Bootstrap Program**

Oct. 2014 — Apr. 2015

- Invited by Facebook to join this program, sponsored by third-party services that equivalent to 300,000 NTD.