

## Contact

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(LinkedIn)

## Top Skills

Software Architecture  
Node.js  
Git

## Languages

English (Full Professional)  
Chinese (Native or Bilingual)  
Taiwanese (Native or Bilingual)

## Honors-Awards

創新創業激勵計劃  
Silicon Valley Taiwan Program  
FbStart Bootstrap program

# Jay Liang

CTO at HJUAV 航見科技 技術長  
Miaoli County, Taiwan

## Summary

Full Stack Growth Engineer.

- \* Professional backend & cloud infra development.
- \* Experienced front-end development (mobile & web).
- \* Rich knowledge with user research to improve product usability.
- \* Good understanding of marketing strategies and tactics.

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## Experience

HANG-JIAN TECH CO., LTD (航見科技有限公司)

Chief Technology Officer

September 2019 - Present

台灣 桃園縣

- Design technology stack and architecture of a system called Topology that enables UAV to be 4G/5G connected, which facilitates remote monitoring, control and mission planning without distance limitation.

ALCHEMA

Software Director / Senior Engineer

September 2016 - August 2019 (3 years)

Taipei

- 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 with my own rapid development library called 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.

Tagtoo

Contract Architect

January 2016 - August 2016 (8 months)

Taipei

My responsibility at Tagtoo, at the first stage, is to optimize their development process by leveraging docker containers, Makefile rules and familiarity of Google Cloud Platform.

The ongoing responsibility at Tagtoo would be to reorganize their infrastructure, repository separation, and to refactor codes, which would lay down a solid foundation for future developments.

Vpon

Internship

July 2015 - January 2016 (7 months)

Taipei

I'm a backend engineer intern at Vpon.

My responsibility is to investigate Kubernetes and use it to build a high availability, easy administration docker container orchestration system.

With its ecosystem, I'm also familiar with following services:

Docker, uses the concept of container to wrap applications, to achieve easy application deployment.

Etcd, a cluster system for high availability key-value storage and configuration.

Flannel, provides private network between docker containers on different machine.

Ansible, a tool for automatic and easy deployment on large set of server machines.

Also, I investigate MySQL Fabric for high availability of MySQL server farms, and study about AWS to deploy web on AWS ECS, together with EC2, ELB, RDS, IAM, S3 and some other services.

Somer

Co-founder, Android developer & backend manager

April 2014 - September 2015 (1 year 6 months)

Taipei

I'm co-founder of Somer,

a start-up team aiming to provide an anonymous social platform for users to truly express themselves.

I'm responsible for development on whole Android platform, construct backend functions and manage datastore powered by Parse.

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## Education

國立臺灣大學

Master's degree, Management Information Systems, General · (2015 - 2018)

國立臺灣大學

Bachelor's degree, Management Information Systems, General · (2010 - 2015)