

EXPERIENCE

2022/01– **Lawsnote** | *Staff Software Engineer*

Present

- ♦ Management
 - ♦ Head of Data Team Engineers, manage other 4 engineers
 - ♦ Enhance the Scrum framework and promote regular 1:1 meetings with team members each month
 - ♦ Initiate technical sharing sessions each sprint
 - ♦ Optimize the job delegation mechanism to minimize handover costs for departing employees
- ♦ Compliance Risk Assessment (CRA) development
 - ♦ Perform system maintenance and document system workflows
 - ♦ Establish a real-time alert mechanism for anomalies, effectively reducing customer complaints by 90%
- ♦ Lawsnote Search development
 - ♦ Integrate Grafana Loki for collecting web crawler logs, effectively improving the existing tracking and debugging methods
 - ♦ Integrate OpenTelemetry and Jaeger for tracing services, significantly enhancing service observability
 - ♦ Develop RESTful APIs using TypeScript with OpenAPI, reducing decoupling through automated documentation generation
 - ♦ Maintain unit test coverage between 80% and 85%, including integration tests

2021/07–
2022/01 **Lawsnote** | *Software Engineer*

- ♦ Lawsnote Search development
 - ♦ Web scraping, refactoring, and monitoring using Node.js and MongoDB
 - ♦ Develop RESTful APIs using TypeScript and build the CI/CD pipeline

2020/08–
2021/07 **Pentium Network** | *Software Engineer*

- ♦ MRVN platform development
 - ♦ Develop RESTful APIs using Node.js, TypeScript, Kubernetes and Neo4j
 - ♦ Refactoring and migrating from JavaScript to TypeScript
- ♦ Software development
 - ♦ Develop RESTful APIs using Golang, OpenAPI, Docker and shell script
 - ♦ Build AWS deployment with Jenkins CI/CD

2017/09–
2020/02 **InnoVue LTD. (former LEARNING TECH CORP.)** | *Software Engineer*

- ♦ Research techniques & software development
 - ♦ Develop Full Stack applications using Node.js, ES6, React.js and TypeScript
 - ♦ Develop IoT related services with RESTful APIs and MQTT
 - ♦ Develop parser for worldwide patent data with Node.js and Elasticsearch
 - ♦ Develop mobile application about iBeacon using React Native

- ♦ Microservices Management
 - ♦ Integrate GitLab CI/CD, build docker images and auto deployment
 - ♦ Build ELK Stack, manage and monitor services

2016/07–
2016/08 **Delta Research Center (Delta Electronics) | *Front-end Engineer (Summer intern)***

- ♦ LBS website development using React.js and webpack

2014/06–
2016/02 **Academia Sinica IIS - MMNET | *Intern and Research Assistant***

Principal investigator: Sheng-Wei Chen Research Fellow

- ♦ Website development using Node.js - Bounty Workers
 - ♦ Docket number of technology transfer: 05T-1040609
- ♦ Plan 2014 & 2015 Data Science Conference
 - ♦ Analysis the attendee information by R language

EDUCATION

2016/02–
2017/09 **National Taiwan University of Science and Technology M.S. in *Computer Science***

- ♦ **NTUST GAME Lab | *Project Manager***
- ♦ Thesis: *Game Design Goal Oriented Approach for Procedural Content Generation*

2011/09–
2015/06 **Chung Yuan Christian University B.S. in *Computer Science***

- ♦ Class representative (2011-2015) and graduate representative (2015)
- ♦ 1st place in department project competition (software category)