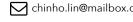
# Chin-Ho Lin









### **Experience**

Intelllex Singapore

Senior Data Scientist

Feb 2021 - Aug 2023

- · Revolutionized our platform by integrating OpenAl's GPT model, delivering more precise search results, and generating comprehensive Q&A responses.
- · The innovation has earned positive feedback from legal web media and recommendations in our customer's blog post, propelling the platform to an all-time subscription high.

Data Scientist Jan 2021 - Jan 2023

- · Proactively partnered with legal experts and designers throughout sprint planning, feature implementation, and quality assurance, ensuring seamless collaboration and optimal results.
- · In charge of the platform search functionality, I designed and implemented algorithms and APIs to ensure efficient information retrieval and search engine optimization (SEO).
- · Empowered our business team by delivering the requested functionalities and features, enabling them to secure partnerships with 10+ law and accounting firms and win new customers.

Junior Data Scientist

Jul 2019 - Dec 2020

- · Built a suite of data science microservices for efficient preprocessing, indexing, and ranking of user queries and documents, empowering advanced search functionalities.
- · Spearheaded a 22.1% performance boost in our query processing pipeline by completely overhauling and rebuilding the entity extraction module.
- Contributed to the development of efficient crawlers, data pipelines, and SQL database access by collaborating with DevOps engineers.

#### **Education**

#### National Taiwan University (NTU)

Taipei, Taiwan

Master of Science in Computer Science and Information Engineering

Sep 2015 - Aug 2017

- Overall GPA: 4.25/4.3, Rank: 5/131
- · Thesis: Learning to Map Natural Language Statements into Knowledge Base Representations for Knowledge Base Construction (LREC 2018)

## **Projects**

Intelllex: Scott 2023

GPT, Milvus/zilliz, FastAPI, PostgreSQL, AWS

· Scott is a legal research Q&A platform enabling efficient and accurate exploration of legal issues through natural language queries, leveraging curated case references for reliable insights. [Demo] [Live]

#### Side Project: o~dyssey Al

2023

GPT, DALLE, Google Lens, Google Maps API, Sentry, FastAPI, PostgreSQL

 o~dyssey leverages AI models to recommend travel destinations based on user mood descriptions. These recommendations are visualized and readily accessible through Google Maps integration. [Demo] [Live]

Intelllex: finreg.sg 2022

Golang, Elasticsearch, PostgreSQL, RESTful API, Kubernetes, Docker, Cronjob

 Finreg is a legal knowledge base for Singaporean financial regulations, featuring over 1,000 Q&A entries organized with an ontology and enhanced features for efficient access to trustworthy insights. [Demo] [Live]

#### Skills

- · Strong: Python, Natural Language Processing, Elasticsearch, Docker, Go, Linux, Regex
- · Knowledgable: Machine Learning, SQL, Gitlab CI, Clojure, Kubernetes
- Languages: Chinese, English