

Hoyeung Lai

johnl4112@gmail.com | +852 54960279 | +86 15118045389 | <https://github.com/Wrinth>

KEY TECHNICAL SKILLS

- Language: JavaScript, TypeScript, Python, Java, SQL, Cypher
- Backend: Express, Koa.js, Spring, HiveMQ
- Databases: MySQL, MongoDB, Redis, Hive, Elasticsearch
- Machine Learning: Keras, Panda, Scikit-learn, MLlib
- Development tools: AWS, Azure, Gerrit, Git, Jenkins, ESLint, Mocha, Jest, Docker, Babel, Hadoop/Spark

CERTIFICATES

- AWS Certified Cloud Practitioners (CLF-C01) March 2019

PROFESSIONAL EXPERIENCE

Full-Stack Developer at Boss Zhipin, December 2019 - Present

- Atlantis-Dataservices (A group of recruitment's data provider APIs):
 - o Defined output data standard for all type of data (User, Company, Device, Gps, etc...), collected data from different teams in the company, and provide organized data. (Spring, RockyMQ, GraphQL, Java).
- Nebula (Graph-Database Visualization Tools):
 - o A graph visualization tool (front-end) application to display relations between selected data in Boss Zhipin. Display 7000+ data nodes edges with a regular laptop by using a pre-calculated position algorithms (React.JS, AntV Graphin, JavaScript).
- Account-Service:
 - o A general-purpose account management service for the data center. It managed the read and edit privilege of any resources/apis/dataservice across different teams in the company using Roles and Group (NodeJS, KOA).
- Companies' Keywords Scrappy:
 - o Scraped products and business lines of all the companies in China from 2M+ users' resumes, converted them into keywords/tags, with an accuracy of 70% (Spark, Python, MLlib).

Backend Developer at Genedock Inc. Beijing, China June 2019 - December 2019

- Panel-study:
 - o Integrated Elasticsearch to retrieve user-clinic records and lab research reports with filters to medical institutions of our cooperation (Python, Flask, Elasticsearch).
- Account-Service:
 - o Implement a general-purpose account management service for multiple clinic projects, provide user-organization resources read and edit privilege managements (NodeJS, KOA).
 - o Design Integration Testing for all existing projects with Mocha and Function Unit Testing with Jest.
 - o Used ESLint, Babel 7 to do code refactoring.

Backend Developer at 9AM Inc. Beijing, China August 2018 - June 2019

- Designed data formats for desk sensors and composite sensors: Use the Azure Function App to run Node.js and C# app for sensor data processing. On average, it can process up to 3000 sensors records at the IoT Hub asynchronously per second.
- Sensors' statistic tasks: Build new machine learning model using sensors' data every hour (Oozie, Python, Spark, Keras).
- IoT devices data statistic API: Calculate all available devices/ interfaces recorded data in real time (egg.js).
- Handle MySQL database high concurrency requests with Azure cloud services/reverse proxy and database sharding.

EDUCATION

B.S. Computer Science, Northwestern Polytechnic University, Fremont, CA (GPA: 3.7), August 2018

AFFILIATIONS / AWARDS

Winning Prize at **WAIC Hackathon 2019** in Shanghai 2019

1st prizes at **Walmart Labs & MindTouch Hackathon** and **ChimeHack 4** 2017

1st prizes at **Opportunity Hack** and **Spartan Hack** 2016