

# JINGDA MAI

143-0025 Tokyo, Ota City, Minamimagome, 5-27-13

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## EDUCATION

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### The University of Tokyo

Sep 2017 - Sep 2019

*Master's degree in Precision Engineering*

- Geometric Modeling for Industrial Application, Suzuki and Ohtake Lab (C++, Python).
- Honors/Awards: JASSO Scholarship

## WORK EXPERIENCE

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### Neusoft Japan

Nov 2019 - Present

*Software Engineer*

- High concurrency elevator system and cameras interconnection web server (QPS 400) built on an embedded device and deployed with Docker using Go, Python, Nginx (August 2020 - Present)
- Back-end development of heat and face detection interconnection web app deployed with Docker using Flask, Flask-SocketIO, SQLAlchemy and PostgreSQL (March 2020 - June 2020)
- Implement face detection Modbus TCP web server using Flask (Feb 2020 - March 2020)
- Implement face detection RS485 transfer web server using Flask, pyserial and Docker (Feb 2020)

### Neusoft Japan

Mar 2019 - Oct 2019

*Part-time Software Engineer*

- Implemented a web page to calibrate machine learning detection results visually with the corresponding coordinate changes shown in a table using Vue.js and Konva library.

## PERSONAL PROJECTS

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### Personal Blog

June 2020 - Present

- <http://jingdamai.com/> - Full Stack Development with Vue.js and Flask

### RESTful API in Flask

June 2020

- <https://github.com/JingdaMai/Rest-API-Flask> - A RESTful API Web Server with ORM using Flask, JWT, and SQLAlchemy

### REST microservices in Golang

August 2020 - Present

- [https://github.com/JingdaMai/bookstore\\_users-api](https://github.com/JingdaMai/bookstore_users-api) Users API (Gin, PostgreSQL)
- [https://github.com/JingdaMai/bookstore\\_oauth-api](https://github.com/JingdaMai/bookstore_oauth-api) OAuth API (Gin, Cassandra)
- [https://github.com/JingdaMai/bookstore\\_items-api](https://github.com/JingdaMai/bookstore_items-api) Items API (gorilla/mux, Elasticsearch)

## TECHNICAL SKILLS

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### Certificate

AWS Certified Cloud Practitioner

### Programming Languages

JavaScript, Python, Golang

### Frameworks & Tools

Vue.js, Express.js, Flask, SQLite, Gin, PostgreSQL, Redis, Docker, Jira,