

# Jingda Mai

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## EDUCATION

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**The University of Tokyo**

*Sep 2017 - Sep 2019*

*Master's degree in Precision Engineering*

*Tokyo, Japan*

- Geometric Modeling for Industrial Application, Suzuki and Ohtake Lab.
- Honors/Awards: JASSO Scholarship

## PROFESSIONAL EXPERIENCE

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**Neusoft Japan**

*Nov 2019 -*

*Bridge Software Engineer*

- BSE in Business Logic of VICS car navigation system

**Neusoft Japan**

*Mar 2019 - Oct 2019*

*Part-time Software Engineer*

1. 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.
2. Implemented a web page showing a heat map of vehicle usage using Angular framework and Google Maps API.
3. Implemented a simple image label review tool (desktop app) that enables users to view images in a folder and modify their corresponding labels in a file quickly. (Python, PyQt5)

## PROJECT EXPERIENCE

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**Face Detection Website**

*Jul 2019 - Aug 2019*

*Role: Web Developer*

- Link: <https://smart-brain-app-v2-mjd.herokuapp.com/>
- Front end: React.js
- Token Implementation: JWT, Redis
- Server: Express.js
- Database: PostgreSQL (two tables for all users and login info respectively) and Redis (token -> userId)
- Server-side development environment: Docker containers (Docker Compose)
- Rank Badge: AWS lambda function
- Functionalities: Users can copy an image link to the website and any human faces within the image can be detected (using Clarifai API). The entry count of every user will be updated in the front end and also stored in the database.
- Logging in is required to get access to the homepage.  
test account: email: a@a.com, password: a  
Front-end code: <https://github.com/JingdaMai/smart-brain>  
Back-end code: <https://github.com/JingdaMai/smart-brain-api>

**Django Personal Website**

*Nov 2018 - Nov 2018*

*Role: Web Developer*

- Link: <https://jingda-blog.herokuapp.com/>

## Other Skills

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- Languages: English (TOEFL: 107, GRE: 321 + 4.0), Japanese (JLPT N2: 93)