JINGDA MAI

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EDUCATION

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

KPMG Ignition Tokyo   Dec 2020 - Present
React & Django Full-stack Software Developer (Temporary staff)

· Added OAuth flow (MSAL2) to a web application
· Modified old deployments and added new deployments on Kubernetes to achieve the separation of the background tasks and the backend.
· Updated OAuth flow from implicit grant flow to OAuth 2.0 authorization code flow with PKCE (MSAL1 to MSAL2)
· Increased Cypress integration tests pass rate on Azure from 70-75% to 98-100%
· Implemented part of tax equation evaluation logic

Neusoft Japan   Nov 2019 - Nov 2020
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)
· Take part in the front-end development of heat and face detection interconnection web app using Vue.js (April 2020 - June 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

Personal Blog   June 2020 - Present

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

TECHNICAL SKILLS

Certificate	AWS Certified Cloud Practitioner
Programming Languages	Typescript, JavaScript, Python
Frameworks & Tools	React.js, Vue.js, Django, Kubernetes, PostgreSQL, Redis, Docker