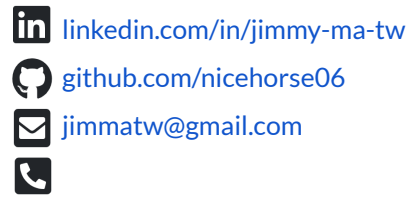


Jimmy Ma



B.S, department of physics, [Fu Jen Catholic University](#) 2009 - 2013

WORK EXPERIENCE

Sr. backend software Engineer, [Lenovo](#), Taipei July 2022 – March 2024

Python/Django/Flask/JavaScript/Vue.js/MySQL/Redis/Nginx/Docker

- Maintained and developed a SaaS website for server hardware testing as a service (Share Tool).
 - Use Flask and Vue.js to build this service.
 - Resolve the issues and new features raised by Lenovo's internal hardware engineers for this project.
- Implemented statistics from the external Lenovo material API.
 - Notified engineers of daily material changes.
 - Enhanced daily work efficiency by 3% through the reduction of manual calculations.
 - Display highly readable data messages in emails using HTML and CSS.
- Implemented NPS statistics for engineers' work orders.
 - Completed the statistical calculation of NPS charts.
 - Based the calculations on scoring feedback from engineers' work orders.
 - Enhanced NPS calculation efficiency by 10% and made the results available for managerial statistical use.

Sr. backend software Engineer, [Hipposcreen](#), Taipei July 2020 – July 2022

Python/Django/Django REST framework/JavaScript/PostgreSQL/Celery/Redis/Nginx/Docker/Azure

- Implemented API service and manager website system independently.
 - Use Django REST framework to build REST API service.
 - Use Docker compose to deploy service on Azure VM with HTTPS URL.
 - It can generate inspection PDF reports by weasyprint.
- Implemented [company official website](#) independently.
 - Its messaging system combined with Teams API saves marketers and visitors conversation time.
 - Marketers can use the Django admin page to manage contents.
 - Optimize Google SEO so that the company name is the first in the search order.
- Implemented on duty ERP system to improve 2% company operation process.
 - It has a friendly page to show who is on duty today, and send notification in Teams.
 - Combine with the government holiday API to check which date is workday.

Backend software Engineer, [Croxlink](#), Taipei December 2017 – June 2020

- Implemented supply chain management website independently (Python, Django, JavaScript, Celery, PostgreSQL, Redis, AWS).

Full-Stack software Engineer, [Cloudcube](#), Taipei August 2015 – May 2017

- Implemented customized [OpenStack](#) portal to simulate the [Horizon](#) project (Python, Django, Flask, JavaScript, HTML, CSS).

SIDE PROJECTS

- [Software job note](#): I share front-end concepts and interview tips for beginners and non-technical audiences. My content has gained over 600 stars on GitHub and [ranks first in Google search](#) results for the keyword '軟體工作入門' (software job entry).
- [E-commerce website](#): An e-commerce website that sells toys, implemented with Django and deployed online. This website utilizes the LINE Login API for user authentication and the ECPAY API for processing payments.
- [User Management API](#): This demo API, which manages user information including creation and retrieval operations, is implemented using FastAPI and MongoDB and built with Docker. CI for unit tests is implemented using GitHub Actions.
- [Portfolio website](#): My portfolio website showcases my coding skills, built with *React* and deployed on GitHub Pages.
- [python-docs-zh-tw](#): Contributed to open source with 118N [pull request](#) for Python documentation.
- Stackoverflow answer: [Answer question](#) about *Django* pagination on Stackoverflow .