

Jing Jie LIM
Software Engineer

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Work Eligibility

J-2 Visa (No sponsorship required)

Languages

English (native), Mandarin (native)

Skills

Python	JavaScript	HTML5	CSS3	BootStrap	React
jQuery	nodejs	express	Ruby	Ruby on Rails	PostgreSQL
mongoDB	git	github	Heroku	AWS	

Experience

General Assembly / Software Engineering Immersive

2020

500+ hour, 12-week intensive program diving deep into leading front-end web development and back-end web development languages. Featured Projects:

- **Lytfill**

Built a single page full-stack application for sharing photo collections. Implemented filters and dynamic sorting of photos by likes. Used Heroku for online database interactions. Users can see all photos, upload new photos, comment on and like photos uploaded by others. Filters by username, current user's photos and photos liked by current user. Sorts by likes, comments and dates. Built with: Ruby on Rails, PostgreSQL, Heroku, Isotope

- **Tic Tac Toe**

Built an interactive app of Tic Tac Toe including an AI that uses the Minimax Algorithm. Users are able to sign up and sign into the webpage, play with a friend or with the AI or choose to play a previously unfinished game. Built with: BootStrap, jQuery, AJAX, JavaScript, HTML, CSS, SASS

Defence Science and Technology Agency (DSTA), Singapore /

2017-2019

Project Engineer, Air Systems

DSTA is a statutory board under the Ministry of Defence of Singapore. It undertakes capability planning, design, development, acquisition and systems integration responsibilities, as well as operations and support management to meet the national security needs of Singapore.

Project 1 – Analysed general requirements for generating technical specifications. Researched technical feasibility of requirements. Assessed alternative solutions through trade studies. Assisted with risk assessment, operations and support planning.

Project 2 – Assisted in managing of project through design reviews, maintaining documentation on project milestones, monitoring project status, progress, and risks.

Project 3 – An initiative to consolidate maintenance requirements of different systems. Assisted in reviewing the requirements and eliminating redundant maintenance services resulting in savings of >\$100k a year.

Education

Nanyang Technological University (NTU), Singapore

2014-2017

Bachelor of Engineering, Aerospace Engineering (First Class Honours)

GPA 4.91/5.00 NTU College Scholarship Dean's List Year 1, Year 4