Jing Jie Lim
Software Engineer

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Skills

JavaScript
HTML/CSS
React
Bootstrap
jQuery
Node.js
Express.js
MongoDB
Mongoose
Ruby on Rails
PostgreSQL
Git
heroku
AWS
Python

Education

Nanyang Technological University (NTU), Singapore
2014-2017
B.Eng. Aerospace Engineering First Class Honours
GPA 4.91/5.00
NTU College Scholarship
Dean's list Year 1, Year 4

Work Eligibility

J-2 Visa (No sponsorship required)

Languages

English, Mandarin

Software Experience

General Assembly   Jan 2020 – Apr 2020
Software Engineering Immersive

- 500+ hour, 12-week intensive program diving deep into leading front-end web development and back-end web development languages. Featured Projects:
    - **PriceSaver**
    Built a price comparison app for the price conscious consumer. Record and update the prices for items in different stores. The store with the cheapest price will be highlighted. Implemented autocomplete for the prices input fields and custom filtering of items by names and cheapest stores
    Built with: React, Axios, Bootstrap, Ruby on Rails, PostgreSQL
    - **inStock**
    Built an inventory management system application with a team using the Scrum agile development methodology. Integrated bootstrap-table package for sorting and filtering of inventory.
    Built with: Express, MongoDB, Mongoose, Node, Handlebars
    - **Lytfill**
    Built a single page full-stack application for sharing photo collections. Implemented dynamic likes and comments updates to photos. Integrated Isotope package for filtering by username, current user's photos and photos liked by current user. Also 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. Implemented feature to continue playing a previously unfinished game.
    Built with: BootStrap, jQuery, AJAX, JavaScript, HTML, CSS, SASS

Other Work Experience

Defence Science and Technology Agency (DSTA), Singapore
Project Engineer, Air Systems   Aug 2018 – Nov 2019

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.