Ong Bing Jue

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Education

National University of Singapore

Year 3 Undergraduate, Bachelor of Computing (Honours) in Computer Science   **Aug 2018 - Present**

- **Computer Science Coursework:** Algorithms & Data Structures, Object-oriented Programming, Programming Language Concepts, Information Retrieval
- **Intended Computer Science Focus Area:** Programming Languages, Parallel Computing, Multimedia Information Retrieval
- **Expected date of graduation:** May 2022

Technical Proficiency

Proficient Languages	Typescript/Javascript, Java, Python, C, HTML/CSS
Familiar Languages	Ruby, Scala, OCaml, Haskell, Prolog
DevOps	Vercel, Heroku
Frameworks	*(proficient):* React, NestJs, NextJs *(familiar):* Ruby on Rails, VueJs, Firebase, Typeorm

Experience

EduDrift Pte. Ltd.

Full Stack Developer Intern   **May. 2020 - July. 2020**

- Responsible for the development, maintenance and IT operations of the company's website
- Built the company's landing page on edudrift.com and a multitude of features e.g. *day / week scheduler, program forms, ticketing confirmation / booking creation page* using Typescript React with Material UI, formik, Next Js as Frontend and Nest Js as Backend
- Designed an extensible database table in postgres with typeorm and implemented the module, controller and REST api for Bookings which will be vital for the company as a online ticketing platform in Nest Js
- Hosted and deployed the projects using Vercel and Heroku with Git integrations

Projects

Travezy

Developer   **Aug - Nov 2019**

- An all-in-one travel application to planning your trips, tracking your expenses and relieving your favourite moments
- Project portfolio and Personal contributions
- *(Skills Learnt):* Java, JavaFx, Software Engineering Principles, Software Architecture, UML Diagrams

Protecc

Developer   **May - July 2019**

- Simple GUI for Wireshark network analyzer which features the ability to display captured packets, filtering, analytics and configure own user settings
- Hosted on firebaseapp.com
- *(Skills Learnt):* VueJs, VueRouter, VueX, Express, Chart.js, Python

mydolist

Developer   **May - July 2018**

- Simple todo list application built on Ruby on Rails
- Hosted on herokuapp.com
- *(Skills Learnt):* Ruby, Ruby on Rails, jQuery, HTML, CSS, Heroku Deployment