PERRY LIM ZHI XIAN

███████████████ https://github.com/perrylzx

Projects

Isitopen? (Ongoing) | Restaurant lookup app   https://is-itopen-frontend.herokuapp.com
- React, Bootstrap, Heroku, Sequelize/Express
- Parsed 3k~ rows of inconsistent/messy data to a consistent and readable format.
- Made design trade-offs like keeping the load more function in a button instead of an infinite scroll to keep UI simple.

Pitchbooker | App that allows footballers to book pitches   https://pitch-booker.herokuapp.com
- React, Express, Firebase Auth, Postgres/Sequelize, Supertest, Enzyme, Bootstrap, Heroku
- Worked on a 2 week project with 2 other software engineers to deliver an easier way for footballers to book soccer fields.
- Worked with 2 other software engineers. Wrote the login functionality, booking confirmation page, navbar, and also tests for the booking confirmation page.
- Practiced continuous integration in conjunction with automated testing, preventing bugs like booking confirmation page not displaying correct information from merging into main branch.

Covid Visualizer (Ongoing) | Covid-19 growth of all countries   https://perrylzx.github.io/covid-visualizer
- React, D3, Bootstrap, Heroku
- Transformed global COVID-19 daily cases data to use with the D3 package.

Instagram | Image sharing site   https://kittengram-9e684.firebaseapp.com
- React, Cloud Firestore, Firebase Functions, Firebase Cloud Storage, Mocha/Sinon/Chai, Firebase Function Tests, Bootstrap
- Designed application infrastructure e.g. displaying the images by fetching the image URLs from the Cloud Firestore, so it updates in real-time whenever new images are uploaded to storage.
- Wrote test that verifies that Firebase Function successfully updates Firestore with image URL.

Terygram | Chat messaging app   https://github.com/perrylzx/terygram
- Dart, Flutter, Firebase Auth, Cloud Firestore
- Overcame a UI bug which rendered an empty white box by examining the widget hierarchy using Flutter DevTools.
- Built real-time messaging app in Flutter and Firebase in 2 weeks

Todolist   https://perrylzx.github.io/to-do-list
- React, Redux, Express, Sequelize/Postgres
- Implemented Cors to enable requests from different domains using Express Cors library.
- Used Redux to share state among component hierarchy and separate UI from business logic.

Work Experience

Chico Loco / One Night Only   January 2017 - August 2019
Commis Chef 2 - Commis Chef 1
- Assisted the head chef in developing new menu items for a holiday event.
- Tracked and coordinated placing of orders for insufficient food supplies.
- Oversaw and trained 3 new cooks on the operations of all stations.
- Promoted from Commis 3 to Commis 2.

Education

Rocket Academy   January 2020 - Present
Software Engineering

Hackwagon   Febuary 2019 - May 2019
Data Science 101/102

Institute of Technical Education   2016 - 2016
Pastry And Baking

Technologies Used So Far

Frontend:	React, Redux, Flutter, Bootstrap, HTML, CSS
Backend:	Express, Postgres/Sequelize, Firebase Auth, Firestore, Firebase Functions
Cloud:	Heroku, Firebase Hosting, Firebase Storage
Testing:	Chai/Mocha/Sinon, Supertests, Enzyme
Languages:	JavaScript, Python, Dart, Bash