JERRY **CHEN**

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Education

University of Canterbury - Bachelor's of Computer Science   February 2017 - July 2020
. **Courses:** OOP, Compilers, Data Structures, Algorithms, Graph Theory, Networking, Embedded Systems.

Skills

Languages:	Javascript, Python, Java, Dart
Technologies:	ReactJS, Redux, VueJS, Vuetify, Flutter, AWS, GraphQL, NodeJS, ExpressJS
Design:	Figma, PhotoShop

Work Experience

Applications Developer   Christchurch, NZ
CanIT Limited.   November 2020 - Present
Hardware / Software company

. Websites
- Plan, design and develop multiple websites ranging from simple landing pages, hotel bookings, e-commerce and inventory systems + tracking.
- Used payment gateways and API's from Strip and Wind Cave payment systems.

. Apps
- Built companion Apps for inventory systems to enhance customer usability and requirements.

. Backend Systems
- Plan data structures, API's for multiple applications. Set up using aws (lambda, appSync + resolvers + GraphQL, dynamoDB + EC2) including expressJS servers + SQL.
- Built an automatic SMS gateway system. Using python to send AT commands to a raspberry pi which then sends out SMS messages. Included an expressJS server endpoint for allowing multiple websites to access this functionality and SQLite database for storing SMS messages.
- Connecting POS printer and cash register to a web application.

Projects

Chess   Built a chess game on the web (ReactJS).
Quotes
- Website + app that cycles between different quotes everyday according to the book 366 days with Wisdom by Master Hsing Yun (ReactJS, React Native).

Keyboard
- Built a website for improving typing cycling through randomly generated words (VueJS).

Cryptocurrency
- Internship selection test. Built a cryptocurrency tracker app, connecting to an API using the designs from the company's UX designer team (React Native + Typescript).

Interests

Football . Futsal . Gym . Design . Art . Spray Painting . Painting . Programming