David **Chan**

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Summary

An aspiring full stack developer with many skills to bring to the table. Solving real world problems, adapting to situations, and constantly learning are strengths. Enjoys developing apps and solving LeetCode questions. Lifts weights, draws, cooks and listens to music in free time.

Projects

Image Board   *Site*
DON'T THINK, JUST DO   *Github*

- Designed message models, controllers, and routes for the API and server to communicate with.
- Set up MongoDB to receive collections of data and utilized middleware to establish a connection between API and server.
- Implemented RESTful API server to deal with any HTTP requests.
- Created and rendered components to properly display message form and messages using React.js.
- Allowed messages to be efficiently mapped then displayed.
- Deployed back end API onto Heroku which used dynos to start up the script that connects to MongoDB
- Deployed front end on Netlify which ran a production build from github.
- Designed site to become scalable for mobile users.

Skills

Back-end	Express, MongoDB, MySQL, REST API
Front-end	React, Redux, Axios, HTML5, CSS, Bootstrap
Programming	Java, JavaScript, Node.js, Python
Languages	English, Cantonese

Education

Ryerson University   *Toronto, Canada*
B.S. IN MATHEMATICS AND ITS APPLICATIONS   *Mar. 2019 - Aug. 2023*

- Specialization in Computer Science Option

FreeCodeCamp   *Online*
RESPONSIVE WEB DESIGN, JAVASCRIPT ALGORITHMS, DATA STRUCTURES, APIS   *Mar. 2019 - Ongoing*

- Completed the listed courses with intention on completing Machine Learning

Extracurricular

Ryerson Competitive Programming
MEMBER

- Grasped different data structures such as arrays, linked lists, hash maps, binary trees
- Implemented algorithms into solving complex problems

Ryerson Barbell Club
MEMBER

- Gained expertise in different training practices, body structures and injury prevention.
- Set healthy goals every week to reach further heights

Employment

Home Renovation   *Toronto, Ontario, Canada*
SUMMBER JOB   *Jun. 2016 - Sept. 2020*

- Worked in up to teams of 5 to renovate basements, bathrooms, etc.
- Communicated and responded to needs of clients