

# Mingzhou Dong

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## Summary:

Seeking for a **MERN stack**, or **React-Redux frontend** junior/full-time internship position.

McGill Major Computer Science graduate with one year experience in MERN stack development. I am a self-driven person who can deliver strong programming, communication, and analytical skills within the development team.

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## Skills:

Web Application Framework/Database: HTML, CSS, SCSS, Javascript, React, React-hooks, Redux, Bootstrap, REST-API, Expressjs, socket.io, JWT, bcrypt, socket.io, MongoDB, mongoose, MySQL, DB2.

Programming Language: Java, C/C++, Python, Ocaml.

Version Control/Deployment/Environment: Git, Heroku, Firebase.

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## Experience:

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## Projects:

**e-commerce shopping site:** [MERN](#) **git-front-end:** [e-commReact](#) **git-back-end** [e-commExpressMongo](#)

Please wait the server to start, as Heroku free hosting will idle after 30 minutes of inactivity.

A shopping site that allows customers to view, search, order products(MERN+Stripe).

- Developed backend application Expressjs with RESTful APIs to handle HTTP requests and responses
- Front-end using React and implemented {useReducer+useContext} for state management
- Used MongoDB database to store products and users' information by mongoose
- JWT and bcrypt for Internet security

**Messenger clone:** [MERN](#) **git-front-end:** [chatappreact](#) **git-back-end:** [chatappexpress](#)

Instant messaging between two users(MERN + socket.io).

- Developed backend application Expressjs with RESTful APIs to handle HTTP requests and responses
  - Developed socket.io for real-time, bidirectional and event-based communication.
  - Front-end using React and implement redux for state management.
  - Used MongoDB database to store user chat history by mongoose.
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## Education:

McGill University

Sept 2017 - May 2021

Bachelor of Science in Major Computer Science. Completed course in OOP, data structure, algorithms, web, Machine Learning, OS.