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# RICHARD MA

dhicarr.github.io
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## EDUCATION

**University of Toronto**                                            **Sep 2017 – June 2023**

- **Honors Bachelor of Science - Computer Science**
- All degree course-works finished in 2022
- **Coursework:** Software Design, Introduction to Databases, Computer Security, Principles of Computer Networks, Algorithm Design and Analysis, Operating Systems, Computational Complexity and Computability, Data Structures and Analysis

## EMPLOYMENT

**Intermediate Front-End Developer**          Decker Medicine          **Aug 2022 – May 2023**

- Independently built front-end for numerous responsive web pages; Replaced over 50% of pages on company's web product using React Hooks, Material-UI, and CSS. **(link to view work)**
- Integrated Figma wire-frames designs and made decisive adjustments according to project owner feedback.
- Optimized critical widgets rendering speeds to be up to 90% faster using memoization.
- Built multiple email templates responsive to most inboxes and screen sizes in HTML, CSS and Django.

**Junior Front-End Developer**          Decker Medicine          **Jun 2022 – Aug 2022**

- Worked on both small and large email templates using CSS, HTML, and Django
- Updated, improved design, and fixed bugs on many React Widgets
- Created new React page to replace outdated vanilla JavaScript page in production

## SKILLS

- **Languages**: React, JavaScript, CSS, HTML, C, Java, Python, SQL
- **Frameworks & Tools**: Bootstrap, Material-UI, Node.js, jQuery, MySQL, Git, Android Studios, Visual Studio Code, Unix
- **Soft Skills**: Critical Thinking, Problem Solving, Team Player, and Time Management

## PROJECTS

- **Fake E-Commerce Store:** Front-end implementation of mock e-commerce store using React, React-Bootstrap, and React-Cookies.
- **Hatchways Assessment:** Finished 3 feature/bug tickets in mock company setting through Slack, with Git pull requests peer-reviewed:
  - Implemented sending images on messenger application by making API call to Cloudinary to upload images, and stylized text bubbles and images using Material-UI.
  - Stylized login and sign-up page using Material-UI components, with responsive web design
  - Fixed React lifecycle-related bug relating to functional updating and asynchronous API calls
- **Student Profile:** Features dynamic component generation, search function, Responsive Web Design, REST API calls
- **Weather Application:** Features same-day weather reporting and dynamically changing background depending on the weather using REST API calls to retrieve OpenWeatherMap data using Node.js
- **Shopping Android Application:** App built as a combination between Tinder and Craigslist. Fulfilled the role of UI/UX by creating layouts and UI designs.