

XIANZHAO DUAN

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Technical Skills

Languages: Java, Python, HTML/CSS, JavaScript, Haskell, C, Elm

Technologies/Frameworks: Linux, Git, Hexo, React.js, Bootstrap, Node.js, MongoDB, Express.js, Socket.io

Projects

Round Table | *React.js, Express.js, Socket.io, MongoDB, Three.js, Nginx* **Sept 2022 – Now**

- Learned and practiced the usage of MongoDB as database and Express.js as backend.
- An online meeting application with 3D representation.

Elm-Formatter | *React.js, Node.js, Bootstrap, Axios, Ace* **April 2022**

- Well designed, format website to format elm code.
- It helps the other classmates format their elm code for their projects.
- Collaborated with a team of three and responsible for the development of front-end.

Math Visualizer | *Elm* **April 2022**

- Collaborated with a group of five and responsible for the developing of most part of the application.
- Course project that visualize integral application problems and help students understanding calculus.
- Made multiple interviews and surveys to apply norman's principle of design.

Music Training | *React.js, React-Bootstrap, Bootstrap, Node.js, Vexflow* **Feb 2022 – Now**

- Built a website that helps users practice music skills, like reading music notes
- Learned React skills, such as building an SPA-like pages route.
- Used React-Bootstrap to implement the website's main style, and Vexflow to draw music staves.

Grade Tracker | *JavaScript, HTML, CSS, Node.js, Electron* **January 2022**

- Learned and practiced desktop developing skills using Electron
- A desktop application help students record their assignments' scores and calculate the maximum grade.
- Allow users to save the data in a json file and read saved json files.

Working Experience

Subway - Sandwich Artist **May 2022 – Now**

- Greet and serve customers, prepare food for backup. Maintain food safety and sanitation standard. Open and close the store.

Education

McMaster University **2021 – 2025**

Bachelor of Applied Science - BAsC, Computer Science Co-op **Hamilton, ON**

- Current GPA 11.42/12.0 (3.86 in 4.0 scale)

Achievement

Certificate of DISTINCTION **2021**

Ranked in the top 25% of contestants in the Canadian Computing Competition **CEMC**

McMaster Award of Excellence **2021**

Entrance Scholarship. A final admission average in the top 10% of engineering faculty. **McMaster**

Dr. Arthur and Anna Battista University Scholarship **2021**

High School Scholarship **C.C.V.S**