ERIC XIAO

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ACADEMICS

High School Diploma, Sir John A. Macdonald Secondary School   **Expected Graduation Date: June 2021**

EXPERIENCE

Mitra Biotechnologies   **Waterloo, Ontario**
Chief Technology Officer, Software Engineering   *Aug 2020 - Present*

- Led the development of the Mitra Biotechnologies website, which includes investor and SAB member registration links and portals to help investors and SAB members support the company—gained 10 advisors in total.

- Assigning tasks, mentoring, setting deadlines, and leading meetings with software developers and communicating with other company executives about progress.

Harled Inc.   **Waterloo, Ontario**
Software Engineer   *Aug 2020 - Nov 2020*

- Worked within a team of 5 students to create a real-time flight-mapping web platform using the MERN stack.

- Developed flowcharts and UI prototypes/mockups, and led the frontend portion of the project.

MyMotive   **Virtual**
Chief Technology Officer   *Jun 2020 - Oct 2020*

- Led the development of the company's MVP: a React-Native mobile app that helps users with their social lives by hosting and attending private events—finished within 2 months and led beta testing afterwards.

- Delegated tasks and led meetings within our development team, and communicated with the executives, investors, and business side of our team remotely about our progress.

PROJECTS

Yougen - MongoDB, Express, React, Node.js - Tech Under Twenty Cup

- Developed an MVP web application that helps pair students with local businesses for work/volunteer experience and mentorship by working on small projects.

- Implemented the frontend portion using React and other libraries, and helped link it to the Express/Node.js backend and MongoDB database.

CogniTalk - Svelte, Python, Flask, Firebase - MasseyHacks VI

- Created a web platform that analyzes user audio responses to various interview questions and maps their performances on a table to view areas of improvement.

- Implemented a Svelte frontend and the Firebase Authentication and Firestore APIs, and helped link these to the Flask backend server that runs an audio analysis library.

TECHNICAL SKILLS

- **Programming Languages:** Python, Javascript, HTML, CSS, Java, Octave

- **Frameworks:** React, Svelte, React Native, Processing, jQuery, PyTorch, Flask, Node.js

- **Technologies:** Firebase, Google Cloud

HONORS & AWARDS

- Won the Second Place Prize at MasseyHacks VI.

- Won WinHacks 2020's Most Innovative Hack Against COVID-19 Award.

- Made honour rolls (Group II) and earned Distinction Award (top 25%) for the 2020 CEMC Fermat Math Contest.

- Made honour rolls for Southwestern Ontario in the 2018 and 2019 Canadian Open Mathematics Challenge.

- Won Fortmatic's 3rd Place API prize at ETHWaterloo 2019.

- Received second place at JAMHacks 3.

- Won third place in the 2019 ECOO-CS regionals competition, earning a spot to finals.

- Earned Distinction Award (top 25%) for the 2018, 2019, and 2021 CEMC Euclid Math Contest.