

# Emily Chiu

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## TECHNICAL SKILLS

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**Languages:** Python, JavaScript, TypeScript, Java, PHP, Ruby, SQL, HTML, CSS

**Frameworks:** Vue.js, React.js, Node.js, Next.js, Express.js, Django, Ruby on Rails, Sequelize

**Other Tools:** Git, Github, VS Code, MySQL, PostgreSQL, SQLite, Figma

## EDUCATION

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**University of Waterloo**

Waterloo, ON

*Candidate for Bachelor of Computer Science*

*Sep. 2021 – Expected Apr. 2026*

Relevant Coursework: Elementary Algorithm Design and Data Abstraction (C Language)

## EXPERIENCE

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**Frontend Developer**

*Jan. 2022 - Present*

[Computer Science Club \(CSC\)](#) of the University of Waterloo

- Updated the [CSC's website](#)'s Meet the Team page and added support for multiple news items on their homepage with **240+** members using **TypeScript**, **React.js**, and **Next.js**
- Discovered **14+** accessibility issues on the CSC's website using AccessibilityInsights.io, implemented the website's dark theme, and created Library components for the [CSC's Library website](#)

**HackItForward Full Stack Developer & Graphic Designer**

*Nov 2020 - Present*

[Kurius](#) – Non-profit organization that empowers students with tech education

- Designed **300+** posters, banners, and prospectus for Kurius' events and social media using **Figma** and **Photoshop**, attracting over **700+** registered participants and securing over **\$15,000+** of sponsorship
- Increased LinkedIn followers by **250%** and expanded active Kurius members on Discord by **1500%**

## PROJECTS

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[HackItForward.com](#) – Kurius

*Feb 2021 - Present*

- Implemented a badge, upvoting, commenting, and user following system using **Django** and **SQLite** for a web app that connects non-profits with student developers to work on challenges for social good
- Overhauled the challenge page to be responsive and fixed margins with **HTML** and **CSS** to follow the Material Design guideline
- Applied **JavaScript** to achieve the select and search query functionality to filter through challenges

[MaPic.tech](#) – TOHacks

*May 2021*

- Developed the frontend component of a web application that enables photographers to find future photography location sessions by entering a keyword using **Vue.js**, **HTML**, **CSS**, and **Ajax** requests

[ICovid](#) – Marihacks (1<sup>st</sup> Place & Best Covid Hack Award)

*Mar 2021*

- Engineered a **Vue.js** frontend application to display responsive charts and a live simulation of the current and forecasted COVID-19 cases on a map using **Chart.js** and **Leaflet**
- Connected the backend **Express.js** server deployed on **Heroku** to the frontend application deployed on **Netlify** using RESTful API requests with **Axios** and **cors**

[Langr](#) – BrebeufHx

*Jan – Jul 2021*

- Devised a full-stack web application using **Vue**, **Express.js**, **Node.js**, and **PostgreSQL** that allows users to connect with other individuals based on their preferred languages, spoken languages, and interests
- Integrated an **MVC** file architecture with the addition of **Sequelize** for models and migrations