Emily Chiu

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TECHNICAL SKILLS

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

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

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

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
- Updated the challenge page to be responsive 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 (1st 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