Jared He

(+1) 431-275-6386 | jaredjhe2@gmail.com | jaredhe.com | jaredjhe | jaredhe

Education

Candidate for Bachelor of Computer Science, Co–op   *September 2020 – April 2025*
University of Waterloo   *Waterloo, ON*

Skills

Languages JavaScript (ES6+), Python, Java, C, C++, HTML5, CSS3, SQL, Racket, LaTeX
Tools React, Node.js, Express, Git, Bootstrap, Sass, Tailwind CSS, Figma

Experience

Software Developer   *August 2021 – December 2021*
Marsh McLennan   *Toronto, ON*
- Implemented customizable **Node.js** scripts to compare and validate 14 categories of business data
- Redesigned a finance portal using **Angular** and **Ionic** in order to improve usability for over 5000 Marsh Canada employees
- Created automated test cases for access request applications using **CodeceptJS**
- Coordinated daily scrum meetings for a team of over 20 developers

Front End Developer   *February 2021 – Present*
University of Waterloo Computer Science Club   *Waterloo, ON*
- Redesigned club website using **React**, **TypeScript**, and **CSS** in order to increase user experience for over 200 members
- Developed a **Node.js** script to efficiently parse and transform **XML** data into over 500 maintainable and accessible **Markdown** files
- Enabled club executives to efficiently track views and clicks by implementing an analytics bar using **React**, **Typescript**, and **Tailwind CSS** for the club's social media link aggregator

Projects

jaredhe.com ⬈
Personal Portfolio
- Developed a personal website using **React**, **Sass**, and **Bootstrap**
- Implemented animations using **Framer Motion** and dark mode using **Styled Components**

COVID Watchdog ⬈
COVID Statistics Visualizer
- Designed pop-up components using **React** and **Sass** to format and display vaccination rates and case rates for all health regions in Canada
- Tested and debugged an **Express** and **Node.js** backend that called COVID statistics APIs
- Developed for Hack the North 2021 by collaborating with 3 fellow engineers from across Canada

IntegriTweet ⬈
Photoshopped Tweet Verifier
- Created text recognition for Tweets using **Google Cloud Vision API**
- Designed website using **React** and **CSS**
- Developed for Hack the North 2020

CovED ⬈
Learning Resources Compiler
- Developed website and aggregated high school curricula data using **HTML**, **CSS** and **JavaScript**
- Ensured consistent formatting and display of data using **Bootstrap**