

# James Li

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## SKILLS

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- **Languages:** C++, Python, SQL, JavaScript, JSX, HTML, CSS, SCSS
- **Tools and Frameworks:** React.js, Node.js, Git, JIRA, Ms Office, SolidWorks, AutoCAD, Figma, Firebase

## EXPERIENCE

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- **University of Waterloo** Waterloo, ON  
*Computer Support Assistant* May 2022 - Aug 2022
  - Assisted in the development and installation of the deployment software for the computers used in the ECE department which includes installing **Windows** and **Linux** operating systems.
  - Received, delivered, and installed various technologies purchased by professors and graduate students.
  - Programmed and implemented batch files on Windows to **troubleshoot** and solve various issues and errors encountered during deployment and to **automate** installation of certain programs, increasing efficiency up to **25%**.
  - Frequently used multitasking skills to work on up to **8** computers at once to increase overall efficiency up to **800%**.
  - Proficiently used power tools to install or remove any computer related hardware or electronics.
- **Teenage Tutors** Toronto, ON  
*Personal Tutor* Nov 2019 - Sept 2020
  - Tutored and developed connections with **4** children over 1 year to help strengthen their understanding of Math and French.
  - Taught one-on-one sessions 2 to 4 times per week in-person and online which allowed me to strengthen my ability to **communicate** and share my knowledge verbally and through video conferencing software.

## PROJECTS

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- **Chat App** Nov 2022  
*React.js, Firebase, JSX, SCSS*
  - Designed a web-based chat app using **React.js** for friends to send and receive private messages in real time
  - Used **Firebase** to implement **live authentication** by storing user login information and data.
  - App can store and save previous message history and friend data using Firebase, which can be fetched upon user login.
  - Designed responsive login and home pages, as well as updating chat boxes using **SCSS** so users can see previous messages.
- **Weather App** Oct 2022 - Nov 2022  
*React.js, CSS, API*
  - Designed and deployed a weather app in **React.js** to provide the weather for over **500** cities in real time.
  - Implemented **2 REST-APIs** to fetch data for city names and the weather of the cities.
  - Created an autofill search bar, providing suggestions for cities with a population size over 1million.
  - Used **OpenWeatherAPI** to retrieve **8+** pieces of data over 7 days to display a weekly weather forecast.
  - The app was designed as an easy way to retrieve and display the weather of large cities.
- **Personal Portfolio Website** Sept 2022  
*HTML, JS, CSS*
  - Designed and **deployed** a personal portfolio website using HTML, CSS, and JavaScript.
  - Implemented mobile responsiveness to gain experience with **HTML** and to improve user experience using **2** sets of font sizes and picture resolutions scaling with window size.
  - Gained experience with diagnosing and **troubleshooting** code in VSCode and using GitHub.
  - Made to display my portfolio in a convenient, and attractive method that can be easily accessed.

## EDUCATION

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- **University of Waterloo** Waterloo, Canada  
*Currently pursuing a Bachelor of Mechatronics Engineering; cumulative GPA: 3.5*
- **Danforth Collegiate and Technical Institute** Toronto, Canada  
*Achieved high school Core French Bilingual Certificate*

## HOBBIES

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- My interests include playing volleyball and basketball, working out at the gym, and cooking.