Hannah Guo
Software Engineering

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Education

University of Waterloo | September 2020 - April 2025
- Pursuing a Bachelor of Software Engineering, 3.9/4.0 GPA

Skills

Languages: JavaScript/jQuery and Node.js, HTML/CSS, Typescript, Python, Java, Android, C++, C
Frameworks and Libraries: React, Angular, Express, Redux, Gatsby, NgRx
Technologies: Figma, Git Version Control, Google Cloud Platform (Firebase Databases and Authentication, Maps, Cloud Functions)

Work Experience

WFHomie, Full-Stack Developer | May 2021 - August 2021
- Rebuilt event, gifting and classes pages for a start-up employee engagement platform using **React**, **Redux**, and **Firebase**, halving site load time and increasing the number of active clients by 350%
- Spearheaded creation of company **Figma** to improve UI/UX processes and streamlined accessibility in design
- Developed Slack integrations using **Node.js Cloud Functions** to simplify the event booking process, resulting in double the number of client reservation requests

RBC Summer Tech Labs, Front-End Developer | July 2020 - August 2020
- Created front-end UI components following RBC design guidelines for an open questions forum used by over 200 RBC developers using **Angular**, and **NgRx** for state management
- Planned Agile development sprints using GitHub Issues and Projects with a team of nine other developers

Hatch Ltd., Front-End Developer | August 2019 - August 2019
- Lead the design and development of a real-time data analysis and asset management application using **React**
- Iterated on UI/UX feedback given by employees from the company's business and engineering project teams

Projects

University of Waterloo Women in STEM Web Developer | January 2021 - September 2021
- Implemented new initiative pages for the advocacy series and Instagram takeovers for the club's website using **Figma** and **HTML/CSS/JavaScript**
- Presented an Introduction to Web Development (**HTML/CSS**) MLH Localhost Workshop to over a dozen participants

Ranked Records | July 2021 - Present
- Built a full-stack application using **Express** and **React** with the Spotify API to display all of an artist's songs ranked by popularity
- Used Spotify Authentication and the **Node.js** Spotify API to allow users to create and customize playlists for an artist's tracks

Personal Website | May 2021 - Present
- Launched a website redesign planned with **Figma** and built using **Gatsby** and **React**