Hannah Wang

Computer Science & Business Double Degree Student

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SKILLS

Languages:
JavaScript, TypeScript, C, C++, SQL

Tools and Frameworks:
NodeJS, ReactJS, React Native, Redux, Vue.js, MongoDB, Neo4J, Git, Bash, Unix

EDUCATION

University of Waterloo
2017 – 2022
Bachelor of Computer Science

Wilfrid Laurier University
2017 – 2022
Bachelor of Business Administration

AWARDS

PennApps Award Winner
2019
Best AR/VR Project

Dean's Honour's List
2018
87%+ term average
(Terms 1B, 2A, 2B)

Hack the North Finalist
2018
Top 10 out of 243 teams

Hack the 6ix Finalist
2018
Top 10 out of 65 teams

University of Waterloo President's Scholarship of Distinction
2017
95%+ admission average

EXPERIENCE

ConsenSys
Full Stack Developer — Jan 2019 – Apr 2019
- Built and optimized **NodeJS**/**Express** API endpoints and queries to **MongoDB** and **Neo4J** databases, including 25% reduction in initial load time
- Developed major frontend features in **React** and **Redux** for the core product used by thousands of clients
- Implemented integral new functionality end-to-end, involving overall technical design, database architecture, and full stack development

UW Blueprint
Project Developer — Sep 2018 – Apr 2019
- Developed a **React Native** photo-taking app for Best Friends Animal Society to ensure high quality photos, increasing the likelihood of animal adoption
- Developed a **React** web app with **MongoDB** to streamline the appointment scheduling process at KidsAbility Centre for Child Development

Hubdoc
Software Developer — May 2018 – Aug 2018
- Built, maintained, and debugged 700+ microservices to automatically fetch financial documents from banks and vendors using **NodeJS**; increased overall success rate by 7% and achieved 2-year high
- Refactored 4000+ lines of code to improve efficiency and maintainability
- Implemented new features on company intranet to enhance data visualization using **Backbone.js** and **PostgreSQL**

PROJECTS

lift | Hack the North Finalist
Fitbit OS SDK, Vue.js, Firebase
- Fitbit app to automatically track and store workout data (e.g. reps of each exercise) using device's accelerometer sensor
- Displays user data on Vue webpage to visualize workout progress and trends

UW ClassWatch
React, TypeScript, NodeJS, Express, MongoDB
- Web app for UW students to view classes and receive notifications when spots are available in sections they are "watching"
- Obtained 1200+ users and overwhelmingly positive feedback

claire | Hack the 6ix Finalist
React, NodeJS, Express, Firebase, Google Cloud Platform
- AI chatbot for senior citizens to combat the growing issue of loneliness
- Provides analytics for family and caregivers to monitor the senior's wellbeing based on chat messages using Google Natural Language Processing API