

Hannah Wang

Computer Science & Business Double Degree Student

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SKILLS

Languages:

JavaScript, TypeScript,
HTML, CSS, 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 | GPA: 3.94/4

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

UW President's

Scholarship of Distinction

2017

95%+ admission average

EXPERIENCE

ConsenSys

Full Stack Developer

Jan 2019 – Apr 2019

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

Hubdoc

Software Developer

May 2018 – Aug 2018

- Built, maintained, and debugged 700+ microservices to automatically fetch financial documents using **NodeJS**; increased overall success rate 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**

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

PROJECTS

ClassWatch

React, TypeScript, NodeJS, Express, MongoDB

2019

- 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

CharityChain | Hack the North

React, Ethereum, Solidity, Firebase

2019

- Records charity spendings on Ethereum blockchain through Solidity smart contracts to improve transparency and accountability of charities
- Web interface for users to view charity spending data, easily donate to charities, and track their donations

lift | Hack the North Finalist

Fitbit OS SDK, Vue.js, Firebase

2018

- 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