Hannah Wang

Computer Science & Business Double Degree Student

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WORK EXPERIENCE

Postmates

Software Engineer   Jan 2020 – Apr 2020

- Engineered a new "in-seat delivery" flow using **Go**, **Python/Django**, and **Google Cloud Platform** to enable Postmates to be used at stadium events; built admin configuration UI in **React** for easy scalability to various venues
- Built functionality to support promotions based on payment method to enable a **$600K-value** promotion in partnership with Apple Pay
- Investigated customer subscription data issues and improved related code to reconcile data and increase revenue by **$120K per month**
- Developed features, built experiments, and fixed bugs in **Go** and **Python/Django** in areas such as feed and SMS messaging to enhance customer experience and drive conversion, including a **24% increase** in membership signups

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 to 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

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

SKILLS

Languages:
Python
Go
JavaScript / TypeScript
HTML / CSS
C / C++
SQL

Tools and Frameworks:
Django
NodeJS
React
React Native
Redux
MongoDB
PostgreSQL
Google Cloud Platform

EDUCATION

University of Waterloo
2017 – 2022
Bachelor of Computer Science | GPA: 3.9/4

Wilfrid Laurier University
2017 – 2022
Bachelor of Business Administration

AWARDS

PennApps Best AR/VR Project | 2019

Dean's Honour's List
2018 – 2019
87%+ term average
(Terms 1B, 2A, 2B, 3A)

Hack the North Finalist
2018

Hack the 6ix Finalist
2018