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Languages

- Java
- JavaScript (ES6)
- HTML/CSS
- SQL

- Python
- Kotlin
- C/C++
- Go

- AWS
- React
- Linux
- Git

Frameworks & Tools

- NodeJS
- MongoDB
- Docker
- ARCore

Experience

Software Engineering Intern

Accenture

Jan. 2020 – April 2020

Blockchain Team

- Built a blockchain-powered public health service from end-to-end – leading **software architecture, coding practices**, and Hyperledger Aries/Indy (blockchain) research, documentation, and development
- Created **10+ RESTful API endpoints** using AIOHttp, Python, and Hyperledger Aries/Indy – **responsible for 80% of server traffic** and business logic
- Wrote an **EAFP exception-handling module** from scratch to **decrease debugging time** and **increase code coverage by 30%**
- **Refactored 3 user flows**, creating **10+** responsive, reusable React components
- Designed user authentication system using OAuth 2.0, JWT, and WebSockets

Software Engineering Intern

TD Bank

May 2019 – Sept. 2019

Android Team

- Engineered an augmented reality, indoor-wayfinding app using Android, ARCore, Flutter, Java, and Kotlin following MVVM and Agile methodologies
- Acted as the Android lead and developer advocate – enforcing **creational design patterns** to **optimize code quality**
- **Decreased navigation time** of visiting executives and managers by **~45%**
- Created **20+ re-usable Flutter UI components** following TD standards to **increase developer productivity by 30%**

Projects

Speculator

Jan. 2019

- Created a progressive web app to promote financial literacy in youth
- Created UX/UI flows in Figma to facilitate front-end development
- Used the SEC Edgar API to pull financial statement data from **1000+ publicly-traded companies** and create an assessment of overall financial health
- Used Twitter API for data and Cloud Natural Language API for sentiment analysis, to diagnose the public perception of company management

Miscellaneous Projects

[[Find It! Painless Shopping](#)] [[Mynute](#)] [[White Lily Casino](#)]

Extracurricular

Logistics Organizer

Hack the North

March 2020 – Present

Workshops & Mentorship

- Managed a team of 5 organizers—tracking and assigning tasks through JIRA and hosting weekly meetings for 2 months—to improve workshop instructor and hacker experience
- Created **20+ pages of documentation to increase productivity** for future workshops & mentorship organizers
- Conducted rigorous **market research & environmental analysis** to provide several recommendations to the wider team at All-Hands meetings to help the organization pivot amidst COVID-19
- Wrote extensive product requirement documents and hosted hand-offs with our design and front-end teams for our **mentorship tool, which is used by 1000+ hackers at our event**

Other Extracurriculars

[[Fall '19 Musical Director of The Water Boys – A Cappella Affiliate](#)]

[[Spring '19 Media & Promotions Director of UW A Cappella Club](#)]

Education

University of Waterloo

Candidate for Honours Bachelor of Computer Science (Co-op)

Sept. 2018 – Present