

# Christopher Woo

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## EDUCATION

### Concordia University

*Bachelor of Engineering in Software Engineering*

*Montreal, QC*

*Jan 2015 - May 2020 (expected)*

## EXPERIENCE

### Vigilant - a DRW Company

*Software Developer Intern*

*Montreal, QC*

*Jan 2018 - Dec 2018*

- Developed internal RESTful services to help monitor algorithmic trading events and financial markets
- Built a core web app used by multiple teams to display information regarding our event-driven performance
- Built a checklist web app for pre-event setup to improve the operations team efficiency by 85%
- Worked on data visualization tools to display statistical data related to team objectives (OKRs)
- Implemented features to help data acquisition team extract data information from the web
- Developed a tool to monitor, in real-time, the status/heartbeat of a global network infrastructure
- **Used:** *Python, Flask, React, WebSockets, Jest/Enzyme, Vue.js, Docker, RESTful*

### Carson eCommerce - Shopify Experts

*Software Developer Intern*

*Montreal, QC*

*May 2017 - Aug 2017*

- Developed a Shopify app called Storetasker to match merchants with vetted Shopify developers
- Refactored the platform to be mobile responsive with 95% customers satisfaction
- Implemented a new UI/UX design that follows Shopify Polaris best practices and guidelines
- **Used:** *Bootstrap, AngularJS, Laravel, MySQL, Node.js, Gulp*

## PROJECTS

### HackConcordia - Director of Technology (Academic Club)

*conuhacks.io*

- Organized Concordia's 600+ participants hackathon (ConUHacks)
- Worked on a registration tool that had over 2000 user records
- Developed internal tools and automation scripts to ensure the event runs smoothly and efficiently
- **Used:** *Python, Django, Node.js, React, Express.js MongoDB, Linux, cronjobs, Nginx*

### Space Concordia - Rocketry Division (Academic Club)

*spaceconcordia.ca*

- Competed in the 2017 IREC at Spaceport America in New Mexico
- Setup telemetry communication from rocket to ground control up to 10,000 feet altitude
- Created a GUI with a MVC design pattern to display Rocket Data Acquisition such as altitude, GPS, etc
- **Used:** *Java, Swing, JUnit, XBees*

### Docker Microservices

*github.com/chriskfwoo/docker-microservices*

- Developed a code evaluation tool for code exercises (project was meant to learn industry standards)
- Built, tested, and deployed a microservices architecture using docker containers
- Setup different environment settings and continuous integration to ensure good code quality with TDD
- **Used:** *Docker, AWS Lambda, EC2, ECS, Swagger.io, Travis CI, Flask, React, Nginx, Unicorn, Postgres*

## AWARDS

### 1st place Facebook's Mission @ Yale University - YHacks 2018 (Bonjour-Hi)

Developed a multilingual video chat room platform, allowing you to video chat with people from all around the world. You can have a chatroom with someone speaking German, someone speaking English, and someone speaking French, and they'll all be hearing the conversation in their own language.

### 1st place GIPHY API @ Boston University - BostonHacks 2018 (GIFS Against Humanity)

A web game that works like cards against humanity except that players are given a set of random GIFS and each player chooses a GIF to compliment the given card.