Christopher Woo

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EDUCATION

Concordia University *Montreal, QC*
Bachelor of Engineering in Software Engineering *Jan 2015 - May 2020 (expected)*

EXPERIENCE

Vigilant - a DRW Company *Montreal, QC*
Software Developer Intern *Jan 2018 - Present*

- Developed internal apps 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 that improved 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 that monitors, in real-time, the status/heartbeat of a global network infrastructure
- ***Used:*** *Python, Flask, React, WebSockets, Jest/Enzyme, Vue.js, Postgres, Docker*

Carson eCommerce - Shopify Experts *Place Ville Marie, QC*
Software Developer Intern *May 2017 - Aug 2017*

- Developed a Shopify app called Storetasker that matches merchants with vetted Shopify developers
- Refactored the platform to be mobile responsive with a 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*

Web Freelancer *Remote*
Self-Employed *Mar 2016 - June 2016*

- Secured 2 website contracts to promote their business or for their personal needs
- Consulted with clients to outline website goals and site functionality through multiple iterations
- ***Used:*** *HTML/CSS, Bootstrap, JQuery, Wordpress*

PROJECTS

HackConcordia - Director of Technology (Academic Club) *conuhacks.io*

- Helped 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
- Practiced in a test-driven development
- ***Used:*** *Docker, AWS Lambda, EC2, ECS, Swagger.io, Travis CI, Flask, React, Nginx, Gunicorn, Postgres*