Joshua **Concon**

(416) 887-2846　|　me@joshuaconcon.ca　|　joshuaconcon.ca　|　GitHub.com/JoshuaConcon　|　LinkedIn.com/in/joshuaconcon

Education

University of Toronto │ Honours BSc — *Computer Science*　　　　　　　　　　　　　　　　**Sep 2015 - Jun 2021**
- **Teaching Assistant**: Introduction to Programming, Discrete Mathematics, Data Structures

Experience

Regulatory and Affective Dynamics Lab, University of Toronto │ **Web Developer**　　　　**Jun 2020 – Present**
- Building a platform to transition psychology experiments from in-person to online with Node and React

Centivizer │ **Research Software Developer**　　　　　　　　　　　　　　　　　　　　**Sep 2019 – Apr 2020**
- Developed games to streamline research projects focused measuring the cognitive ability
- Refactored the codebase written in Vanilla Javascript, resulting in an 85% decrease in the application size
- Implemented Progressive Web App features for offline use to accommodate research studies in rural areas

Altice USA │ **Software Developer Intern**　　　　　　　　　　　　　　　　　　　　**Jun 2019 – Aug 2019**
- Reduced submission time of advertising campaigns by building an Node endpoint to intake and validate advertising assets, saving the company 140+ hours per submission
- Implemented a diagnostic tool in Flask to find and declutter unused advertiser models in an SQL Database

Scotiabank │ **Software Developer Intern**　　　　　　　　　　　　　　　　　　　　**May 2018 – Apr 2019**
- Built a microservice in Django, Airflow and SQLite to track reruns of the Bank's Value-at-Risk calculation process and to generate reports of the process' total monthly cost to run on Google Cloud Platform
- Conceptualized and launched new accessibility features in a Profit & Loss web application with Scala and Angular, allowing traders to more efficiently access time-sensitive data and initiate trades
- Developed a web application in Python, PostgreSQL and Spring MVC deployed on an Apache Tomcat server to monitor the log files of a mission-critical VaR Process, speeding up the debugging procedure

Lovejoy Lab, University of Toronto │ **Bioinformatics Research Assistant**　　　　　　**Oct 2017 – Feb 2018**
- Saved the lab hours by streamlining the processing of DNA Sequences with Python and Bash

Skills

Languages	Python, Javascript, Java, HTML/CSS, SQL, C, Bash, LaTeX
Tools & Tech	UNIX/LINUX, React, Node, GIT, SVN, Django, Jenkins, Flask, SQLite, Docker

Projects

Closetr │ **Personal Project** — *CircleCI, Node, Express, MongoDB, Heroku, Docker*　　**git.io/fjN3P**
- Implemented the Backend Endpoint of the Closet Tracker App in Node and MongoDB
- Setup Continuous Integration / Continuous Delivery of the App with CircleCI and Heroku

Sailböat │ **Startup** — *React Native*　　　　　　　　　　　　　　　　　　　　　　**git.io/fjxCV**
- Built a local food discovery app, won $1.5K in seed funding and residency in UTSC and DMZ incubators

shARe │ **HackHarvard 2017** — *Swift, ARKit*　　　　　　　　　　　　　　　　　　**git.io/fjxCw**
- Developed an anonymous discussion platform on an Augmented Reality iOS App with Swift + ARKit

Obstacle Avoiding Targeting Robot │ **RoboHacks 2016** — *Python, NumPy*　　　　　**git.io/fjN31**
- Built an autonomous robot that detects faces and avoids obstacles with OpenCV and NumPy

Volunteer Experience

AMACSS │ **Math Representative**　Hosted Math and CS review seminars for 200+ students　**Oct 2016 – Apr 2018**
University of Toronto │ **Student Assistant**　Made YouTube videos for a CS course　**Sep 2016 – Dec 2016**