

# Joshua Concon

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## Education

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**University of Toronto**, Computer Science, *Honours Bachelor of Science*

**Sep 2015 — Jun 2021**

— Teaching Assistant: Introduction to Programming, Discrete Mathematics, Data Structures

## Experience

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**Restaurant Brands International**, *Software Engineer*

**Aug 2021**

— Incoming Software Engineer at Restaurant Brands International's Rotational Technical Development Program

**Scotiabank**, Cloud Operations, *Cloud Analyst Intern*

**Sep 2020 — Dec 2020**

— Incoming Cloud Analyst Intern at Scotiabank's Cloud Operations and Dev Ops Team

**Centivizer**, Cognitive Centivizer, *Software Developer*

**Sep 2019 — Apr 2020**

— Refactored the Cognitive Centivizer Javascript codebase, 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**, Platform, *Software Developer Intern*

**Jun 2019 — Aug 2019**

— Built an Node endpoint to intake advertising assets, reducing ad campaign submission time by 140+ hours each

— Implemented a diagnostic tool in Flask to find and declutter unused advertiser models in an SQL Database

**Scotiabank**, Market Risk, *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

## Skills

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**Languages** Python, Javascript, Java, HTML/CSS, SQL, C, Bash

**Tools & Tech** UNIX/LINUX, React, Node, GIT, SVN, Django, Jenkins, Flask, SQLite, Docker

## Projects / Research

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**Closetr** ([github.com/wafffly/closetr](https://github.com/wafffly/closetr))

**Nov 2018 — Present**

— Leading the development of a Closet Management App using Node, MongoDB and CircleCI

**RAD Lab, University of Toronto**

**Jun 2020 — Aug 2020**

— Launched a platform to transition the lab's experiments from in-person to online with React and Redux

**Sailböat** ([github.com/JoshuaConcon/Sailboat](https://github.com/JoshuaConcon/Sailboat))

**May 2017 — Apr 2018**

— Built a local food discovery app that won \$1500 in funding and residency in both UTSC and DMZ incubators

**Lovejoy Lab, University of Toronto**

**Oct 2017 — Feb 2018**

— Streamlined the processing of DNA Sequences in CAFE and BLAST with Python and Bash scripts, saving the lab hours by automatically estimating the gene family and clustering the data for further analysis

## Activities

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**AMACSS**, Mathematics Lecturer: Hosted exam review seminars for 1st year math and computer science courses

**University of Toronto**, Student Assistant: Made YouTube videos for a 1st year CS course clarifying key topics