

Joshua Concon

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Education

University of Toronto, Honours Bachelor of Science, Computer Science **2015 — 2021**

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

Experience

Restaurant Brands International, Loyalty, Software Development Engineer II **Sep 2021 – Present**

— Developed email reporting for the authentication of loyalty users via user saved payment methods in Node
— Wrote robust ACID compliant scripts bulk updating millions of critical user data records stored in DynamoDB
— Assisted in migration of the mobile app core used shared between Tim Hortons, Burger King, and Popeyes from Capacitor to React Native, resulting in reduced software complexity and increased developer velocity

Scotiabank, Cloud Operations and Dev Ops, Product Design Intern **Sep 2020 — Dec 2020**

— Redesigned a private cloud onboarding experience responsible for \$ 17k of monthly sales through usability tests
— Placed 1st overall at an internal hackathon by designing a low-cost and lightweight scheduling app geared towards helping businesses operate within COVID-19 lockdown restrictions

Centivizer, Cognitive Centivizer, Software Developer Intern **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, a4 Media Platform, Software Developer Intern **Jun 2019 — Aug 2019**

— Built a 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**

— Created a microservice in Django to track instances of the VaR calculation process over all of the bank's assets, allowing the monthly cost of calculation runs to be estimated
— Launched new accessibility features in a P&L web app with Angular, allowing traders to initiate trades quicker
— Developed a log monitoring web app in Python for a mission-critical system, quickening the debugging process

Skills

Languages	Javascript, Typescript, Python, Java, HTML/CSS, SQL, Bash
Tools & Tech	UNIX/LINUX, React, Node, GIT, SVN, Docker, CircleCI, AWS, GitHub

Projects

Closetr (github.com/waffly/closetr) **Nov 2018 — Present**

— Built a closet management app that tracks overall cost per wear for each clothing item using Node and MongoDB

Sailboat (github.com/JoshuaConcon/Sailboat) **May 2017 — Apr 2018**

— Created a local trendy food discovery app in React Native that won \$1500 in seed funding and residency in both the University of Toronto Scarborough's The Hub and Toronto Metropolitan University's DMZ incubators

Research

RAD Lab, Department of Psychology, 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

Lovejoy Lab, Department of Biological Sciences, University of Toronto **Oct 2017 — Feb 2018**

— Streamlined the processing of DNA Sequences in CAFE and BLAST with Python and Bash scripts