Joshua Concon

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Experience

Restaurant Brands International, *Loyalty*, **Software Development Engineer II**   **Sep 2021 – Mar 2023**
— Developed email reporting for the authentication of loyalty users via user saved payment methods in Node
— Wrote ACID compliant scripts that bulk updated millions of critical user data records stored in DynamoDB
— Converted several components as part of a migration of the Mobile App Core shared between Tim Hortons, Burger King, and Popeyes from Capacitor to React Native, reducing complexity and increasing developer velocity
— Mentored a combined total of 4 interns and new graduates, resulting in 2 successful internship conversions

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
— Won 1st at an internal hackathon by pitching a scheduling app that assists businesses in operating during a COVID-19 pandemic

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 Value at Risk calculation process over all of the bank's assets, allowing for 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

Education

University of Toronto, *Honours Bachelor of Science*, **Computer Science**   **Jun 2023**
— Teaching Assistant: Introduction to Programming, Discrete Mathematics, Data Structures

Projects

Closetr   **github.com/wafffly/closetr**
— Built a closet management app that tracks overall cost per wear for each clothing item using Node and MongoDB

Sailboat   **joshuaconcon.ca/Sailboat**
— 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

Skills

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

Research

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

Interactive Media Lab, University of Toronto   **Sep 2019 — Apr 2020**
— Investigated unused components and assets throughout the codebase, decreasing the application size by 85%

Lovejoy Lab, University of Toronto   **Oct 2017 — Feb 2018**
— Streamlined the processing of DNA Sequences in CAFE and BLAST with Python and Bash scripts