

# Joshua Concon

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## Experience

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**Restaurant Brands International, *Loyalty*, Software Development Engineer II** **Sep 2021 – Apr 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 4 interns and new graduate employees, 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 in an internal hackathon by pitching a scheduling app that helps businesses operate during COVID-19

**Altice USA, *a4 Media Platform*, Software Developer Intern** **Jun 2019 — Aug 2019**

- Built a Node endpoint to validate and intake 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 service 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

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**University of Toronto, *Honours Bachelor of Science*, Computer Science** **Jun 2024**

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

## Projects

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

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

## Research

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**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