

# Joshua Concon

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## Experience

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### a4 Media

(INCOMING) BACKEND SOFTWARE DEVELOPMENT INTERN

Toronto, Ontario

June 2019

### Scotiabank

ASSOCIATE PROGRAMMER ANALYST

Toronto, Ontario

May 2018 – Apr 2019

- Actively maintained and added tracking features to a Django App containing Market Risk Reporting Tools
- Augmented Responsive Web Design for P&L Application for Traders with Scala and Angular
- Implemented, maintained and optimized a Log analyzer in Python, PostgreSQL and Spring Web MVC

### University of Toronto

BIOINFORMATICS RESEARCH ASSISTANT

Scarborough, Ontario

Oct 2017 – Feb 2018

- Implemented a database for the Lovejoy Lab in MongoDB, Express.js, and Node.js
- Wrote scripts in Python and Bash to automate the lab work-flow

### UofTHacks

WEB DEVELOPER

Toronto, Ontario

Oct 2016 – Apr 2017

- Built the Forgot/Change Password forms on the UofTHacks website in React

## Skills

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**Languages** Proficient in Python and Java. Familiar in Javascript, HTML/CSS, SQL, C, Bash

**Tools** UNIX/LINUX, React, Node, GIT, SVN, Django, Jenkins

## Projects

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### Closetr

TEAM PROJECT

Toronto, Ontario

Nov 2018 - Present

- Building the Backend portion of a Closet Tracker App in Express, Node and MongoDB in a team of two
- Setup Builds of Pull Requests in CircleCI and Code Climate to ensure code quality

### Sailboat

STARTUP (TEAM PROJECT)

Toronto, Ontario

May 2017 - Apr 2018

- Built a local food search/discovery app with React Native and a Business Plan in a team of two
- Won \$1500 in funds at the UTSC Startup Competition as well as residency at UTSC's incubator, The HUB
- Developed and Validated Sailboat at Basecamp, the DMZ's Student Accelerator Program

### shARe

HACKHARVARD AT HARVARD UNIVERSITY (TEAM PROJECT)

Cambridge, Massachusetts

Oct 2017

- Built an Anonymous Discussion Platform on an Augmented Reality iOS App with Swift + ARKit

### Obstacle Avoiding Targeting Robot

ROBOHACKS AT MCGILL UNIVERSITY (TEAM PROJECT)

Montreal, Quebec

Mar 2016

- Built a navigating robot that searches for faces using an on board camera
- Implemented Training Data in an array with NumPy along with its shuffling for the learning session for the Machine Learning algorithm

## Education

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### University of Toronto

HONOURS BACHELOR OF SCIENCE CANDIDATE

Toronto, Ontario

Sep 2015 - Nov 2020

- Major: Computer Science

- **Teaching Assistant:** Introduction to Computer Programming (CSCA20)