

Joshua Concon

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Education

University of Toronto

Toronto, Ontario

HONOURS BACHELOR OF SCIENCE CANDIDATE — *Computer Science*

Sep 2015 - Nov 2020

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

Experience

Altice USA

Toronto, Ontario

BACKEND DEVELOPER INTERN — *Platform Team*

Jun 2019 - Aug 2019

- Implemented a command in Python and Flask to declutter duplicate models in a database
- Built an endpoint in Node to intake and validate creatives for an internal creative management system

Scotiabank

Toronto, Ontario

ASSOCIATE PROGRAMMER ANALYST — *Market Risk Team*

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

Scarborough, Ontario

BIOINFORMATICS RESEARCH ASSISTANT — *Lovejoy Lab*

Oct 2017 - Feb 2018

- Maintained a database organizing fish genomes and locations for the lab in MongoDB and Node
- Automated the processing of DNA Sequences in CAFE and BLAST with Python and Bash scripts

UofTHacks

Toronto, Ontario

WEB DEVELOPER — *Communications Team*

Oct 2016 - Apr 2017

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

Skills

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

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

Projects

Closetr

Toronto, Ontario

PERSONAL PROJECT — *Team of 2*

Nov 2018 - Present

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

Sailboat

Toronto, Ontario

STARTUP — *Team of 3*

May 2017 - Apr 2018

- Built a local food search/discovery app with React Native and assisted with developing the Business Plan
- Won \$1500 in funds at the UTSC Startup Competition as well as residency at UTSC's incubator, The HUB
- Validated Sailboat at DMZ's student incubation program, Basecamp into a more viable venture

shARe

Cambridge, Massachusetts

HACKHARVARD AT HARVARD UNIVERSITY — *Team of 4*

Oct 2017

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

Obstacle Avoiding Targeting Robot

Montreal, Quebec

ROBOHACKS AT MCGILL UNIVERSITY — *Team of 4*

Mar 2016

- Built a navigating robot that searches for faces using an on board camera
- Implemented Shuffling of Training Data with NumPy for the Computer Vision Algorithm