

Joshua Concon

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Experience

Altice USA

BACKEND DEVELOPER INTERN — *Platform Team*

Toronto, Ontario

June 2019 – Present

- Implementing a Python and SQLAlchemy command to declutter duplicate in a database
- Building an endpoint in Node to intake and validate creatives for an internal asset management system

Scotiabank

ASSOCIATE PROGRAMMER ANALYST — *Market Risk Team*

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 Scarborough

BIOINFORMATICS RESEARCH ASSISTANT — *Lovejoy Lab*

Scarborough, Ontario

Oct 2017 – Feb 2018

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

UofTHacks

WEB DEVELOPER — *Communications Team*

Toronto, Ontario

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

Projects

Closetr

PERSONAL PROJECT — *Team of 2*

Toronto, Ontario

Nov 2018 - Present

- Building 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

Sailböt

STARTUP — *Team of 3*

Toronto, Ontario

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
- Developed, Clarified and Validated Sailböt at DMZ Basecamp to a more viable Venture

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HACKHARVARD AT HARVARD UNIVERSITY — *Team of 4*

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 of 4*

Montreal, Quebec

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

Education

University of Toronto

HONOURS BACHELOR OF SCIENCE CANDIDATE — **Computer Science**

Toronto, Ontario

Sep 2015 - Nov 2020

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