

Joshua Concon

(416) 887-2846 | joshua.concon@mail.utoronto.ca | GitHub: JoshuaConcon | LinkedIn: joshuaconcon

Education

University of Toronto

Toronto, Ontario

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

Sep 2015 - Nov 2020

- **2x Teaching Assistant:** Introduction to Computer Programming, Discrete Mathematics

Experience

University of Toronto

Toronto, Ontario

INCOMING GAME DEVELOPER — *Interactive Media Lab*

Sep 2019

Altice USA

Toronto, Ontario

BACKEND DEVELOPER INTERN — *Platform Team*

Jun 2019 - Aug 2019

- Built an endpoint in Node to intake and validate advertiser campaign assets before storing them in AWS S3 for an internal creative management system
- Implemented a command in Flask and SQLAlchemy to find and declutter unused advertiser models in a database

Scotiabank

Toronto, Ontario

ASSOCIATE PROGRAMMER ANALYST — *Market Risk Team*

May 2018 - Apr 2019

- Implemented a microservice in Django to track Reruns of the Bank's Value-at-Risk Calculation Process and its total monthly cost to run on Google Cloud Platform
- Improved Accessibility in a Profit & Loss Web Application with Scala and Angular, allowing Traders to more efficiently access time-sensitive data and tasks
- Implemented, maintained and optimized a Log analyzer in Python, PostgreSQL and Spring Web MVC

University of Toronto Scarborough

Scarborough, Ontario

BIOINFORMATICS RESEARCH ASSISTANT — *Lovejoy Lab*

Oct 2017 - Feb 2018

- Automated the processing of DNA Sequences in CAFE and BLAST with Python and Bash scripts, saving the lab hours by automatically clustering the data for further analysis
- Maintained a database organizing fish genomes and locations for the lab in MongoDB and Node

Skills

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

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

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

- Implemented Shuffling of Training Data with NumPy for the Face Detection Algorithm