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*
- **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

Projects

Closetr   *Toronto, Ontario*
PERSONAL PROJECT — *Team of 2*   *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

Sailböat   *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 Sailböat 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