Joshua **Concon**

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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 — *Interative 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 video and image 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 and SQLite to track Reruns of the Bank's Value-at-Risk (VaR) Calculation Process and to create a report of 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 a web app in Python, PostgreSQL and Spring MVC to monitor the Bank's vital VaR Process log files to speed up debugging process

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

Projects

Closetr   *https://git.io/fjN3P*
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

Sailböat
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
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   *https://git.io/fjN31*
ROBOHACKS AT MCGILL UNIVERSITY — *Team of 4*   *Mar 2016*
- Implemented Shuffling of Training Data with NumPy for the Face Detection Algorithm