

Joshua Concon

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Education

University of Toronto

Toronto, Ontario

CANDIDATE FOR HONOURS BACHELOR OF SCIENCE

Sep 2015 - Present

- Computer Science: 3rd year
- **Teaching Assistant:** Introduction to Computer Programming (CSCA20)
- Relevant Coursework: Data Structures, Algorithms, Databases, Linear Algebra, Graph Theory

Experience

Scotiabank

Toronto, Ontario

ASSOCIATE PROGRAMMER ANALYST

May 2018 - Present

- Implementing, maintaining and optimizing a Log analyzer in Python, PostgreSQL and Spring Web MVC
- Assisting in the testing and documentation of a Server Migration from Solaris to Linux
- Actively maintaining and adding features to a Django Website containing Market Risk Reporting Tools

University of Toronto

Toronto, Ontario

BIOINFORMATICS RESEARCH ASSISTANT

Oct 2017 - Feb 2018

- Implementing a database for the Research Lab in MongoDB, Express.js, and Node.js
- Currently writing scripts in Python and Bash to automate the lab work-flow

UofTHacks

Toronto, Ontario

WEB DEVELOPER

Oct 2016 - April 2017

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

Projects

Sailböat

Toronto, Ontario

TEAM PROJECT

May 2017 - April 2018

- Built a local food search/discovery app with React Native and a Business Plan in a team of two
- Won \$1500 in funds at the UTSC Startup Competition as well as residency at UTSC's incubator, The HUB
- Developed and Validated Sailböat at Basecamp, the DMZ's Student Accelerator Program

shARe

Cambridge, Massachusetts

HACKHARVARD AT HARVARD UNIVERSITY (TEAM PROJECT)

Oct 2017

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

Flight Booking Android App

Toronto, Ontario

UNIVERSITY OF TORONTO (TEAM PROJECT)

Nov 2016

- Designed and documented an Android Application for booking flights along with user authentication
- Developed and tested the databases for retrieving, organizing, and updating account and flight info

Obstacle Avoiding Targeting Robot

Montreal, Quebec

ROBOHACKS AT MCGILL UNIVERSITY (TEAM PROJECT)

Mar 2016

- Built a navigating robot that searches for faces using an on board camera
- Implemented Training Data in an array with NumPy along with its shuffling for the learning session for the Machine Learning algorithm

Skills

Languages Fluent in Python, Bash, Java. Familiar in Javascript, HTML/CSS, C

Tools and Technologies React.js, React Native, Node.js, SQL, GIT, SVN, Django, Jenkins