

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 (CSCA08)
- 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

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

University of Toronto

Toronto, Ontario

ANTI-LECTURER

Sep 2016 - Dec 2016

- Held sessions to answer questions regarding an Introductory Computer Science course
- Developed YouTube videos to demonstrate various topics covered in the course

Projects

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 information

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

Proficient Python, Bash, HTML/CSS, Javascript, Java, SVN, GIT, Javascript

Familiar Android, XML, React.js, C, React Native, Node.js, SQL, Ionic

Operating Systems Mac OSX, Windows, Linux, Solaris