TAHA MIAN

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TECHNICAL STRENGTHS

Proficient in	Java, C++, Python, Javascript, HTML/CSS
Familiar with	Bash, Matlab, Maple, Labview, Quartus, SQL
Tools	SVN, Vim, Git, LaTex

RELEVANT PROJECTS

Dynamic DJ [Javascript ⊙ NodeJs]   *October 2016 — December 2016*

– In a group of three, created a dynamic playlist that is set up using a server in NodeJs and uses a democratic voting system and built with Model, View, Controller (MVC) principles.
– Developed with Test-driven Development (TDD), and tested with Unit testing using Mocha, and automated testing using Selenium Web driver, and fully documented using JsDocs.

Border Shopper [Swift]   *September 2016*

– Developed during Hack The North 2016 with a group of four people
– iOS application that uses location based services to compare Apple products between the USA and Canada using real-time currency conversion and price listings to find the cheapest option.
– Application uses REST APIs from XE Currency exchange, Google Geocoding, and web scraping tools.

Gas Guzzler [Java]   *February 2016 — April 2016*

– In a group of four, programmed a tool that allows users to select any car using a database, enter a gas budget and a destination.
– Application finds the most effcient path using graphing algorithms from multiple cities, using the budget to travel to the most populous areas.

The Cursor Bar [Java ⊙ Python]   *January 2017*

– An Android application that uses TCP Protocol to connect with a server that is programmed in Python and hosted on a computer.
– The app uses the phone as a quick toggle to open programs like Notepad and Windows Explorer and use keyboard shortcuts like copy/paste.

EDUCATION

McMaster University, Hamilton   *September 2014 — April 2018*
Bachelor in Software Engineering Embedded Systems (Co-op)

EXTRACURRICULAR AND HOBBIES

Professional Engineers Ontario   *2014 — Present*
Student Member

McMaster Software Engineering Club   *2015 — Present*
Student Member

McMaster Intramural Basketball   *2015 — 2016*
Player

Robotics Team 2056   *2012 — 2014*
Robot Programmer