

# BILAL MAJEED

2A Computer Engineering  
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## OVERVIEW

- Applied knowledge of oscilloscopes, ARM processors, VHDL, Arduino's, Raspberry Pi's, robotic hardware and control systems
- Experience working with MVC frameworks such as Ruby on Rails, creating data driven webpages for various clients and for personal projects
- Proven front-end developer, with an eye for UI and UX discovered through past co-op opportunities
- Detail oriented problem solver, a lateral thinker experienced working in an agile environment

## TECHNOLOGIES

### DAY-TO-DAY COMFORT

- Java/C#/ C++
- Python
- Ruby on Rails
- Linux/Windows Dev
- Git/SVN

- HTML5/CSS3
- JavaScript/jQuery
- SQL (MS and Oracle)
- Adobe Design Suite
- MS Office

### ACCUSTOMED TO

- XML
- VHDL
- LabView
- XSD/XSLT/WSDL
- Android SDK
- Assembly for ARM

## EXPERIENCE

### FRONT-END DEVELOPER – Flipp Corp (Wishabi)

*Toronto Ontario, September – December 2015*

- Worked in a close-knitted agile minded group of developers creating dynamic flyer contents for online flyers for major superstores in North America
- Developed modern and responsive web content using the Rails framework with HTML5, and JavaScript
- Coordinated large projects with direct client contact, always looked for new solutions to make development efficient

### PROGRAMMER ANALYST – Ontario Teachers' Pension Plan Board

*Toronto Ontario, January – April 2015*

- Worked in a fast paced work environment creating programs/databases
- Developed database procedures and functions to define user access roles
- Created detailed XML web services using TIBCO BW to pull IT incidents, change requests and problem requests from Service Now
- Documented details on how to implement unit testing in TIBCO BW6

## PROJECTS

### ECE 2019 LANDING PAGE, [www.ece2019.com](http://www.ece2019.com), November 2015, Co-developer

- All-inclusive webpage for the Electrical and Computer Engineering Class of 2019
- Programmed using Ruby on Rails, SQL, HTML, and JavaScript

### RASPBERRY PI CLOUD SERVER, December 2015

- Dropbox clone, created using a Raspberry Pi and the Apache Open Source Project

### SMART SWITCH, [tinyurl.com/bilal-switch](http://tinyurl.com/bilal-switch), June 2014

- Combined Bluetooth with an Arduino to create a mobile controlled power switch

## EDUCATION

### UNIVERSITY OF WATERLOO

*Candidate for Bachelor of Applied Science, September 2014 – June 2019*