# Chamu **Rajasekera**

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## **Edu**cation

### **Bachelor of Engineering, Software Engineering**                    *Expected Graduation April 2018*
MCMASTER UNIVERSITY                                                              *Hamilton, Ontario, Canada.*
- Completed Level 1 with an 11.2/12 GPA (3.9/4.0)
- Awarded Golden Key for top 15% of Level 1 Students
- Awarded McMaster Entrance Scholarship for 90+% GPA in High School
- Currently in Level 2, and registered in McMaster's Engineering Co-Op Program

### **Ontario Secondary School Diploma**                                      *Graduated June 2014*
ST. JOAN OF ARC CSS                                                         *Mississauga, Ontario, Canada.*
- Participated in various clubs, such as the Programming Team and the Robotics Team
- Completed with Honors and graduated with a 90%+ average and an Award of Excellence in Computer Engineering Technology.

## **Exp**erience

### ACADEMIC PROJECTS

#### **Engineering Design and Principles**                                              *2014*
MCMASTER UNIVERSITY                                                          *Hamilton, Ontario, Canada*
- Created a consumer product for patients with expressive aphasia or other illnesses impairing their fine motor skills that would help them tie their shoelaces.
- Incorporates teamwork, interpersonal, time management, communications, problem-solving and organizational skills

### PERSONAL PROJECTS

#### **Web**
- InspiredBy.tech - A website created with two teammates, winner of the DeltaHacks 2016 Think Engineering challenge. Inspires young children to think about engineering and technology.
- ChamuRajasekera.me - My personal website, a responsive portfolio made with HTML5/CSS3/JQuery + Boostrap.

#### **Android**
- FailSafe - Second place winner of McMaster Engineering Challenge. An android app that interfaces with a network safe across the web.

#### **Mechatronics**
- Crokinole Bot - Second Place winner of the Ontario Technology Skills Competition. A Remote-controlled robot to play the game Crokinole. Capable of moving, reloading and shooting pucks.

## **Ski**lls

### **Software**
- Proficient in Java, C++, JavaScript, Python (~6 years personal experience in Python).
- Intermediate knowledge of BASH scripting, MIPS/x86 Assembly.
- Apprentice in HTML and Web Design (HTML5, CSS3, LESS, Bootstrap, jQuery).
- Familiar with Adobe Photoshop and Adobe Premiere Pro.
- Familiar with the Microsoft Office suite and LaTeX.

## **Ext**racurricular Activity

### CONTESTS

| | |
|---|---|
| **Winner**, DeltaHacks Think Engineering Sponsor Challenge | *2016* |
| **2**nd **Place Winner**, Ontario Technology Skills Competition | *2014* |
| **2**nd **Place Winner**, Rysersion Robotics Competition | *2013* |
| **2**nd **Place Winner**, McMaster Engineering Challenge | *2015* |
| **Contestant**, ECOO Programming Contest - Regionals | *2013* |
| **Contestant**, ACM ICPC - Regionals | *2015* |