

# Julien Brillon

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## EDUCATION

### MCGILL UNIVERSITY

B.ENG, MECHANICAL ENGINEERING

Concentration: Design

Expected Graduation: May 2017

### A.N. MYER S.S.

HIGH SCHOOL DIPLOMA 2013

Niagara Falls, Ontario

Average: 93.0%

## SKILLS

### PROGRAMMING

#### LANGUAGES

C • MatLab • Python

HTML • CSS • JavaScript

#### FRAMEWORKS

Bootstrap • jQuery

### PRODUCT DESIGN

SolidWorks • OnShape

### GRAPHIC DESIGN

Adobe Photoshop

Adobe Illustrator

## EXTRAS

### LEADERSHIP

MINISTER OF COMMUNICATIONS

Student Council at A.N. Myer

Secondary School | 2014-2015

## COURSEWORK

### UNDERGRADUATE

Fluid Mechanics

Solid Mechanics

Thermodynamics

Dynamics

Material Science

Statistics and Measurements

Functional Programming

Manufacturing

## LANGUAGES

English • French

## LINKS

Github:// [King-Jules](#)

LinkedIn:// [jbrillon](#)

Twitter:// [@julienbrillon](#)

## EXPERIENCE

### MCGILL ROCKET TEAM | GRAPHIC DESIGNER

June 2015 – Present | Montreal, QC

- McGill Rocket Team builds experimental Sounding Rockets and participate in the Inter-Collegiate competition.
- I design the sponsorship package sticker for the 10ft rocket using Adobe Illustrator and Adobe Photoshop.

### CAMPUS LIFE & ENGAGEMENT | ORIENTATION LEADER

Aug 2014 | Montreal, QC

- Contributed to creating a great McGill experience for new students.
- I lead students through University and Faculty specific welcome academic events and campus tours while making new friends and positively impacting the transition of new students to McGill.

### SHAW FESTIVAL THEATRE | AUDIENCE SERVICES

June 2011 – Present | Niagara-on-the-Lake, ON

- Shaw Festival is a world-class Ontario theatre, producing plays by Bernard Shaw & contemporaries.
- Transaction and reconciliation experience with parking and concessions sales.
- Provided excellent customer service and handled patron inquiries.
- Worked in an environment emphasizing health and safety, accuracy and punctuality.

## PROJECTS

### BIOMETRIC SMARTWEAR | SENSOCK

Mar 2015 | WearHacks, Toronto, ON

- Fabricated a smart-sock to measure vitals such as heart rate and body temperature as well as a haptic feedback sensor to page a doctor via text message.

### MUSIC BASED ON YOUR MOOD | MUSEK

May 2015 | WearHacks, Toronto, ON

- Developed an Android app that plays music based on your mood and location using the Muse Headband API and JavaScript.

### MECHANICAL HAPTIC ALARM CLOCK | SCHOOL PROJECT

Sept 2014 – Dec 2014 | Montreal, QC

- Designed a mechanical haptic alarm clock for people with a hearing disability.
- Produced the manufacturing drawings and Bill of Materials using SolidWorks.
- Chose off-the-shelf components from McMaster Carr.

## REFERENCES

### A. ZAK ERZINLIOGLU | SENIOR PRINCIPLE CONSULTANT

HATCH | Niagara Falls, ON

- [zerzinclioglu@hatch.ca](mailto:zerzinclioglu@hatch.ca)

### DR. G. REZA RASTEGAR | CERTIFIED ENDODONTIST

Niagara Endodontics | St. Catharines, ON

- [rrastegar@cogeco.ca](mailto:rrastegar@cogeco.ca)