

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

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](#)
 GrabCAD:// [julien.brillon-1](#)

EXPERIENCE

MCGILL ROCKET TEAM | GRAPHIC DESIGNER

June 2015 – Present | Montreal, QC

- McGill Rocket Team builds experimental Sounding Rockets and participates 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 ERZINCLIOGLU | SENIOR PRINCIPLE CONSULTANT

HATCH | Niagara Falls, ON

- zerzinclioglu@hatch.ca

DR. G. REZA RASTEGAR | CERTIFIED ENDODONTIST

Niagara Endodontics | St. Catharines, ON

- rrastegar@cogeco.ca