

# Neil Krichi

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neil.krichi



## Education

Sept. 2012 - Present

**Bachelor of Materials Engineering Co-op**

McGill University (CGPA: 3.50/4)

*Awards*

James Dickie Hall Scholarship

NSERC - Undergraduate Student Research Award

## Work Experience

Sept. 2016 - Present

**Research Assistant - McGill University**

*Advanced Steels for the Automotive Industry*

Performed thermomechanical testing, metallography and characterization.

Currently developing a processing-microstructure-property model for a new, breakthrough generation of steels.

Jun. 2016 - Sept. 2016

**Engineering Intern - Surflife.co**

*Manufacturing of innovative & sustainable surfboards*

Researched and experimented the production of surfboard prototypes from sustainable composites. Sketched and designed mockups on CAD software based on the manufacturing technique and combination of materials used.

Re-designed a section of Surflife's web application.

Jan. 2015 - Jul. 2015

**Materials Engineering Intern - Pratt & Whitney Canada**

*R&D - Thermoplastic composite data analysis*

Analyzed and compiled testing data for novel thermoplastic composites, with the aim of automating the TRL assessment.

Contributed to the achievement of various projects, including the introduction of cutting-edge materials to PWC's engine line.

## Skills & Competences

Critical thinking | Leadership | Resilience | Ambition | Creativity | Time Management

AutoCAD | Adobe CS6 (Illustrator & Photoshop) | MS Office | Mac OS | Ansys | Minitab

HTML | CSS | Javascript | jQuery | Bootstrap

## Leadership

Jan. 2016 - Mar 2016

**McGill Dobson Cup**

*Entrepreneurship Competition*

Participated in the small & medium enterprises (SME) track along with ~ 100 teams and pitched a startup idea to potential mentors and investors.

Reached the semi-finals and gained valuable feedback.

Aug. 2014 - Apr. 2015

**McGill SAE Aero Club**

*McGill Institute for Aerospace Engineering*

Contributed to the design and assembly of an R/C aircraft intended to compete in the SAE Aero series.

Aug. 2014 - Apr. 2015

**McGill Chem-E Car Design Team**

Designed and tested the battery pack of a lead-acid battery-powered and chemically-stopped small scale vehicle.

## Languages

English | French | Arabic

## Interests

Aerospace & Automotive | Sustainability | Design | Web Development | Reading | Soccer | Fitness