

Maged Yassin

Curriculum Vitae

WORK EXPERIENCE

JANUARY 2016 – APRIL 2016

Ranger Design, Montreal

Custom Design

Prepare layout drawings in Solidworks in accordance to customers requests, and work with customer service on package quotes for various fleets and individual customers.

MAY 2015 – AUGUST 2015

Centre For Intelligent Machines, Montreal

SURE Intern

Detailed design of a spherical cam mechanism to be used as an automotive rear differential in electric vehicles, producing machine drawings, placing machining orders, and reporting project's progress on weekly basis.

JULY 2015 – PRESENT

UAV McGill, Montreal

Co-founder

Co-founder of UAV McGill, an engineering design team of 40 students that promotes the interest in unmanned aerial systems and aeronautics in general by building an unmanned aerial system capable of participating in national as well as international competitions.

JUNE 2015 – PRESENT

I Can Code, Montreal

MATLAB Tutor

Teaching MATLAB for McGill's engineering students in the form of weekly tutorials.

JANUARY 2013 – PRESENT

Vanier College, Montreal

Physics Teaching Assistant

Working in the physics department as a teaching assistant and a grader for CEGEP (college) level physics courses over five semesters.

COMMUNICATION SKILLS

ENGLISH Fluent

FRENCH Intermediate

ARABIC Native speaker



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PROJECTS

AUGUST 2015 – PRESENT

McGill University, Montreal

Honours Thesis

Investigating inverse and forward dynamics of an innovative fast pick & place robot using MATLAB/Simulink.

APRIL 2015 – AUGUST 2015

Aero McGill, Montreal

Design and Structures

Designing a fixed wing aircraft, wing loading calculations and analyzing aircraft's structure using ANSYS FEM.

EDUCATION

2013 – 2016

Honours Mechanical Engineering

BACHELOR DEGREE

McGill University, Canada

2012 – 2013

Pure and Applied Science

Vanier College, Canada

SOFTWARE SKILLS

ADVANCED LEVEL

MS-Office, \LaTeX , Maple, MATLAB, Mathematica, Arduino, SolidWorks, CATIA, Inventor, Pro/ENGINEER, ANSYS

INTERMEDIATE

AutoCad, Fusion, MasterCam, C, C++, FORTRAN, Python, VBA, LabView

BASIC LEVEL

HTML, CSS, Processing