



MARCUS HUM

2A Systems Design student with a passion for creative design

PROGRAMS

SOLIDWORKS

ADOBE ILLUSTRATOR

MS OFFICE

PHOTOSHOP

LANGUAGES

HTML/CSS

JAVASCRIPT/JQUERY

C++

PYTHON

VBA



LINKS

w : mlhum.github.io

in : linkedin.com/in/marcushum/

g : github.com/mlhum

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e : m3hum@edu.uwaterloo.ca

SKILLS

Expertise in **HTML/CSS** and **Javascript/jquery** developed through the production of responsive portfolio website

Drafted 3D models and blueprints of automobile components utilizing GD&T and technical drawing principles in **SolidWorks**

Proficiency in **C++** and **Python** attained through the completion of 1A and 2A courses

Developed and applied **leadership, inter-personal** and **communication skills** as frisbee captain, Quiz-Bowl team president and hospital support

Created logos, icons and graphic design assets for apparel and websites utilizing **Adobe Illustrator** and **Photoshop**

Artistic and creative ability honed through pencil, pen, watercolour and papercraft portfolio

EXPERIENCE

Quoting Facilitator @ North American Stamping Group
(01/2017 - 12/2017)

Streamlined internal excel quoting process by **constructing a more intuitive UI** and added **Visual Basic macros** to reduce user-input

Spearheaded **negotiations and the software implementation** of an external quoting program, leading to faster quote times, improved archive organization and reduced user error

Patient Support Unit @ Queensway Carlton Hospital
(06/2013 - 02/2016)

Trained to work in a fast-paced and dynamic hospital environment

Fielded questions and concerns of anxious visitors and patients

PROJECTS

"Whale's Wail" Security Alarm
(08/2017)

Crafted a portable password protected motion alarm through knowledge of **Arduino Programming Language** and **circuitry construction**

Responsive Portfolio Website
(08/2017)

Designed a responsive personal portfolio website using **HTML/CSS** as well as elements of **Javascript/jquery**

EDUCATION

University of Waterloo, Waterloo, Ontario
(2016-present)

Candidate for Bachelor of Applied Science, Systems Design Engineering

Colonel By High School, Ottawa, Ontario
(2012-2016)

International Baccalaureate (IB) Diploma Program.

Achieved the IB Higher Level Visual Arts Portfolio Subject Award (Highest Grade)