

Imran Jameel

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EDUCATION

McGill University, Montreal, Canada

Bachelor of Engineering

Major: Mechanical Engineering; Minor: Technological Entrepreneurship

Expected Graduation May 2017

SKILLS

- **Programming:** C/C++, Python, Arduino, PureData, HTML 5, CSS 3.
- **Product Design:** SolidWorks, Auto CAD.
- **Management:** Project Management, Consulting, Entrepreneurship.

PROJECTS AND ACHIEVEMENTS

Hardware Systems Integrator, YHack, Yale University

October 2014

- 1st Place for Most Innovative Use of the Intel Galileo Board.
- Built a smart-home system by integrating the Myo gesture control armband with the Intel Galileo.
- Utilized Arduino to link the Intel Galileo to a smart-home system.

Embedded Hardware Developer, WearHacks, Montreal, Canada

September 2014

- 1st Place for Best Use of Thalmic Lab's Myo armband.
- Engineered a gestural musical instrument by incorporating Ableton Live to the data from muscle gestures.
- Used PureData to create music patches and assigned them to various arm gestures.
- Presented project and demo at Google (Montreal), WeAreWearables (Toronto), and Tech@D (Montreal).

Product Designer, 3D Printed Prosthetic Arm, McGill University

December 2014-Present

- Designing 3D CAD models for a biomechanical prosthetic arm.
- Working with a team of 5 engineering students to design, test and manufacture arm.

WORK EXPERIENCE

Project Management Intern (Traffic Safety Systems Division), 3M, Colombo, Sri Lanka

July 2014-August 2014

- Examined current traffic safety practices and remodeled a system for Class B roads that decreased costs by 10%.
- Documented a feasibility report on 3M Polycarbonate RPM's for implementation on Class B roads.
- Pitched proposal to 4 representatives from the Road Development Authority.

IT Consultant, McGill Association of Continuing Education Students, Montreal, Canada

September 2014 – Present

- Resolve computer-troubleshooting issues for students as well as manage software and printer maintenance.
- Play the role of a cashier attendant for transactions relating to printing, binding and beverage sales.

Architecture Summer Intern, MICD Associates, Colombo, Sri Lanka

July 2012-August 2012

- Designed basic architectural plans for 2 local projects through the aid of AutoCAD.
- Received mentorship from professionals on both technical and non-technical office practices.

LEADERSHIP AND ENTREPRENEURSHIP

- **McHacks, McGill University (2015)** - Mentor (Wearable Technology/Hardware)
- **Canadian Undergraduate Tech Conference (CUTC 2015)** - Campus Ambassador
- **McGill Dobson Cup Start-up Competition (2014)** - Semi Finalist
- **Harvard Project for Asian and International Relations (HPAIR 2014)** - Delegate on Technology Panel
- **Sri Lankan Association at McGill University (SLAM 2014/2015)** - VP External