NITHAN KOKULABALAN

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37 Fairservice Drive, Brampton, Ontario, L6R 0X9   (416)-553-4962

EDUCATION

Bachelor of Applied Science, Computer Engineering, Queen's University, Kingston, ON   Sept 2014 - April 2017
Bachelor of Engineering, Computer Engineering, University of Guelph, Guelph, ON   Sept 2013 - April 2014
- Transferred after completion of first year

OSSD, Sandalwood Heights Secondary School, Brampton, ON   Sept 2009 - June 2013

TECHNICAL PROFICIENCIES

- Proficient knowledge in AutoCAD, Soildworks, Autodesk Revit & Inventor, C, HTML, CSS
- Learning Swift, Objective C, and Java

DESIGN PROJECTS

MAVs, Research and Development Member, Queen's University Kingston, ON   Sept 2014- Present
Maximum Aerial Vision System
- MAVs is a student run research group that is focused on improving current technologies for cinematography, which includes Unmanned Aerial Vision Systems
- Contributed to the design and idea generation process of the project

QIEEE, Website Developer and Executive Member, Queen's University Kingston, ON   Sept 2014- Present
Queen's Institute of Electrical and Electronic Engineers
- Co- developed a website for IEEE Queen's Chapter, which has daily updates and events hosted by the club
- Organizing a professional awareness conference for Electrical and Computer Engineers and coordinated exam review sessions for the benefits of the students

Innovative Design Project, University of Guelph, Guelph, ON   Sept 2013 - Dec 2014
- Coordinated a group of 5 people and created schedules and delegated jobs/duties, which allowed us to design and create a programmable wheelchair. We placed first in our section
- Applied knowledge, used a design process to build and rebuild and modify the wheelchair; a design challenge as the original was too slow. We needed to overcome this by debugging and modifying the wheelchair

ENGINEERING CO – CURRICULAR EXPERIENCE

Code The Change, Queen's University Kingston, ON   Jan 31st 2015
- Attended Code Jam 2015, which was composed of developing a product for a non-profit organization within a 12 hour timeframe with the goal of presenting the product to a panel of judges
- Worked in a team of 4 and developed a Java application which is used for comparing different excel sheets and finding and highlighting the differences or errors within them

Queen's Engineering Competition, Queen's University Kingston, ON   Nov 15th 2014
- Awarded second place in the Queen's University Engineering Competition sponsored by Magna International Inc: a multidisciplinary engineering competition designed to showcase innovation and creativity
- Developed and built a crossbow shooting mechanism in 4 hours with limited amount of materials and budget

WORK EXPERIENCE

Line Member, FX – Co Packing, Brampton, ON   May 2014- Aug 2014
- Worked in a fast-paced and challenging factory environment enhancing leadership skills by directing co-workers, by explaining and demonstrating the tasks
- Reinforced interpersonal skills by successfully overcoming language barriers and by explaining the work effectively

Key Holder, Extreme Pita, Brampton, ON   Feb 2011 - Aug 2012
- Strengthened interpersonal skills, by training new co-workers and interacting with customers with different attitudes and tones, enabling me to optimize my communication skills
- Managed the store's daily finances, by handling large sums of cash at the end of the work day