

ABILARSH VIJIANANTHAN

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QUALIFICATION HIGHLIGHTS

- Enrolled in first year Engineering I at McMaster University
- Worked as a Co-op Student at the Xerox Research Centre of Canada
- Verbal communication skills developed through the International Career Development Conference
- Proficient in Java, Python and Excel through various projects
- Strong leaderships skills established as Vice-President of Absolute Robotics

EDUCATION

McMaster University
Sept 2017

Bachelor of Engineering, Engineering I (Co-op)

- Awarded scholarship for strong academic achievement
- Will specialize in computer engineering

WORK EXPERIENCE

Xerox Research Centre of Canada
July 2016 – Aug 2016

Summer Co-op Student

- Worked independently preparing and testing substrates in the electronics print lab
- Replicated NFC chip in Solidworks for printing
- Modified toolpath for efficient printing time and resources
- Utilized Arduino and C# on project interfacing with touch interface
- Communicated results of projects with multidisciplinary team

PERSONAL PROJECTS

Computer Engineering Technology Course
Sept 2017

Collision Avoidance Vehicle

- Worked with partner to meet requirements of project
- Utilized Arduino and ultrasonic sensors to avoid walls and other objects
- Troubleshooted electrical and software issues due to insufficient resources

Hack the Six
Aug 2016

Smoove

- Worked in team of 4 students from various backgrounds and skill sets
- Utilized Indico machine learning API to analyze text and twitter data
- Used Bing News, and Giphy API to return relevant topics based on Indico's output


EXTRA-CURRICULARS

Team 4308: Absolute Robotics
Sept 2013 – June 2017

Vice-President

- Managed engineering teams
- Budgeted and managed team finances
- Designed and built a robot in 6 weeks
- Wired robot and troubleshoot issues

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DECA Woodlands International Competitor

Sept 2013 – June 2017

- Competed internationally in the hospitality cluster (Travel and Tourism)
- 2-time provincial marketing competitor (Marketing Communications/Sports and Entertainment)
- Competed in the buying and merchandising category

VOLUNTEER EXPERIENCE

Mississauga Central Library

Apr 2014 – Jan 2016

Computer Buddy

- Taught 4 weeks of one on one personal sessions
- Trained computer usage skills to the elderly

Toronto General Hospital

Mar 2015 – May 2015

Video Editor

- Produced and edited an instructional video for the dialysis department using Adobe Premiere
- Instructional video used for teaching patients on how to use equipment, and troubleshooting alarms

AWARDS

Centre for Education in Mathematics and Computing (CEMC)

June 2017

Canadian Senior Math Contest

- Certificate of Distinction, Top 25%

Canadian Computing Contest, Senior Division

- Written in Python 3
- Certificate of Distinction, Top 25%

DECA Ontario

Feb 2017

Top 10 Overall – DECA Provincials

- Competed with over 7000 students
- Achieved 9th in the Travel and Tourism Category