

ABILARSH VIJIANANTHAN

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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

- Utilized Arduino and ultrasonic sensors to avoid walls and other objects
- Troubleshooted electrical and software issues due to insufficient resources

Hack the 6ix
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 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

DECA Woodlands
Sept 2013 – June 2017

International Competitor

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

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