

< Mahesh Ranaweera >

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EDUCATION

Oshawa, ON
September 2014 - 2018

Bachelor of Engineering (Honors)
Software Engineering (with Distinction)
University of Ontario Institute of Technology

EXPERIENCE

Toronto, ON
June 2017 - September 2017

TYPS (Toronto Youth Peer Support)
Communications & Media Coordinator,
DreBu
- Updated and managed TYPS website and social media sites
- Assisted in organizing the first annual TYPS networking conference
- Design and conducted online surveys

Toronto, ON
June 2016 - January 2017

TYPS (Toronto Youth Peer Support)
Website & Graphic Designer,
DreBu
- Designed and developed a secure and accessible website for TYPS Network
- Designed and developed TYPS mobile applications (Android & iOS)
- Took the communication director's lead in designing the organization's logos
- Assisted in organizing youth engagement events
tysnetwork.com
tysnetwork.wordpress.com

Toronto, ON
January 2014 - December 2014

Designer, builder, website designer & mentor
L'Amoreaux C.I. Robotic Team
- Designed L'Amoreaux C.I. Robotic website & club logos
- Assisted in designing and developing robots for FIRST and VEX Robotic Competitions
- Participated in the World FIRST Robotic Competition in Missouri, USA.
- Mentor junior robotic members enabling them to program, design and build robots for competitions
team2198.org

SKILLS

Languages
Python, Java, C/C++, JavaScript, PHP, CSS3, HTML & Bash
Tools, Libraries & Frameworks
Node.JS, Flask, JQuery, Git/GitHub, Android Studio & Amazon Web Services

Databases
MySQL, PostgreSQL, RethinkDB & Firebase

Design
Adobe Creative Cloud & Cinema4D

AWARDS

June 2018

B.Eng., Software Engineering (Graduated with Distinction)

October 2014

21st Century Technology Award
L'Amoreaux C.I.

January 2014

Skills Canada 3rd place in graphic designing competition
L'Amoreaux C.I.

PROJECTS

Violence & Assault Recognition Using Neural Network (Capstone Project)
January 2018

- Built an accessible platform for detecting violence activities in real-time surveillance and archived video footage
- Used computer vision and trained neural network to analyze the video frames and send alerts
- Extracted violent scenes and individuals faces for later analysis

GeoTourist
February 2018

QHacks 2018
- Augmented reality web application that provides location guidance to the users

github.com/Mahesh-Ranaweera/qhacks
devpost.com/software/geotourist

A Web-based platform for comparing Big Data Frameworks
December 2017

- Online platform for benchmarking Apache Big Data Frameworks
- Platform enables the user to upload batch, stream, and hybrid data streams

github.com/Mahesh-Ranaweera/Distributed-Systems_project