

NEIL MARTIN MENDOZA

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QUALIFICATION SUMMARY

- Lead end-to-end development and design of a virtual reality application that was displayed at Ontario E-Sports League Charity Tournament, SoHo house and Toronto Union Station
- Passionate about developing functional user experiences that are up-to date with web design standards
- Able to execute project deliverables in a timely manner through experience working in the Agile framework

SKILLS

Languages and Frameworks

- HTML, CSS, JavaScript
- Python, C++, Java
- Node.js, Vue.js, Angular 7

Software, Tools and Libraries

- Unity 3D, Google Firebase/Cloud API
- ARCore, Vuforia (Augmented Reality)
- Bootstrap, jQuery, Socket.io

Soft Skills

- Strong problem solver
- Exceedingly detail-oriented
- Exceptional collaboration skills

WORK HISTORY

Technology and Innovation Intern

January 2019 – August 2019

World Vision Canada – Mississauga, ON

- Developed VR and AR applications using software and tools such as Unity, Oculus utilities, AR Kit and Vuforia
- Lead end-to-end development of a social cross-platform app using NativeScript and Google Firebase
- Collaborated with the events, retail and market innovation team to deliver high-quality tools to raise awareness

Technology Research and Development Intern

May 2018 – August 2018

World Vision Canada – Mississauga, ON

- Gained front-end web development experience in building the team's website using HTML, CSS and JavaScript
- Developed multiple software prototypes including Unity video games, Snapchat lenses and augmented reality

Part-time Receptionist

November 2015 – October 2018

St. Francis Xavier Parish – Mississauga, ON

- Established strong attention to detail through meticulous record keeping and appointment bookings
- Practiced verbal communication skills by answering 20+ phone calls per shift and addressing parishioners needs

HACKATHONS

TOHacks 2019 Participant

June 2019

TOHacks – Toronto, ON

- Utilized Natural Language Processing and Speech-to-Text technology to create an interactive social platform for raising awareness

HackWESCAM Participant

May 2019

L3 Wescam – Burlington, ON

- Programmed a drone to maintain its position and control other drones using a custom C++ SDK and Open CV
- Hardware used: Parrot Bebop2, Nvidia TX2 boards

EDUCATION

Bachelor of Technology: Automation Engineering Technology

September 2016 – Present

McMaster University and Mohawk College - Hamilton, ON

- Currently in level 3B of an integrated 4-year joint program with McMaster University and Mohawk College
- Working toward 3 concurrent credentials: Bachelor of Technology Degree, Chemical Engineering Technology Advanced Diploma, and Business Management Certificate
- Anticipating 720 lab hours performed upon graduation and 16 months of co-op experience in a related field

Awards & Accolades

- Second time recipient of the TMMC North America Scholarship
- Achieved the Dean's Honour List (2016-Present) for a cumulative average of 3.8/4.00
- Member of the Golden Key Society which identifies students in the top 15% of their program
- Recipient of the Bachelor of Technology Entrance Scholarship and McMaster Honour Award for an admission average of 88%

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PROJECTS

YFL Communication Hub (In Progress)

August 2019-Present

- Currently in the process of designing and developing a web application that will facilitate the communication between youth group members and leaders (CFC FFL Youth for Family and Life Group)

Video Intelligence Web Application

May 2019 - August 2019

- Designed and developed a web application that saves work hours spent on annotating and searching for content within videos

Challenge for Change App

July 2019 - August 2019

- Designed and developed a cross-platform social app for World Vision Canada which is currently being used for World Vision's Chicago Marathon and the 30 Hour Famine campaign

Promptu Social Platform

June 2019

- Collaborated with a team to create a social platform that engages and educates users on certain social issues using NLP and AI

World Refugee Day VR Experience

April 2019 - June 2019

- Collaborated with multiple teams within World Vision Canada to deliver a fully immersive VR experience that demonstrates the hardships of being caught in a war-torn country

Chinese Radiothon Booth

April 2019

- Developed a retail booth experience designed to attract potential child sponsors using augmented reality + image recognition software (Unity 3D + Vuforia)

Autonomous Arduino Vacuum

October 2018 - November 2018

- Created a web application that controls and monitors an autonomous Arduino vacuum via Bluetooth using libraries such as Epoch.js and BluetoothTerminal.js

Jackstones Video Game

July 2018

- Leveraged Leap Motion sensor technology to create a game which has been showcased at a World Vision's original documentary screening at Cineplex

VOLUNTEER EXPERIENCE

Software Developer

September 2019 - Present

AgeRate - Hamilton, ON

Gospel Choir Member

September 2019 - Present

McMaster University - Mississauga, ON

Parish Choir Member

May 2019 - Present

St. Francis Xavier Parish - Mississauga, ON

Mississauga Chapter Leader

September 2017 - Present

CFC FFL Youth for Family and Life - Mississauga, ON

- Organized a 3-day youth camp with 25+ youth participants and handled communications between parent coordinators and the service team
- Responsible for holding biweekly household fellowships and delivering 1-hour sessions about living a catholic lifestyle

Music Ministry Pianist/Vocalist

September 2017 - Present

McMaster Catholic Association - Hamilton, ON

Senior Altar Server

September 2008 - September 2016

McMaster Catholic Association - Hamilton, ON

- Obtained the altar server's Bishop Award for demonstrating excellence through years of service
- Formerly responsible for training and instructing incoming altar servers on proper procedures on the altar