MARTIN MENDOZA

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SKILLS SUMMARY

Programming Languages
- C++, C#, Java, Python
- HTML, CSS, JavaScript
- TypeScript

Libraries and Frameworks
- Node.js, Express, Socket.io
- Vue.js, Angular 7, NativeScript
- Bootstrap CSS, Open CV

Other Technologies
- Google Firebase, Google Cloud API
- Google DialogFlow, Unity 3D, Figma
- Raspberry Pi, Arduino

WORK HISTORY

Technology and Innovation Intern   Jan 2019 – Aug 2019
World Vision Canada – Mississauga, ON
- Developed VR and AR applications that have been showcased at Toronto Union Station, SoHo House and OeSL
- Led end-to-end development of a social app for Team World Vision and the 30 Hour Famine campaign
- Collaborated with the events, retail and market innovation team to deliver high-quality tools to raise awareness

Technology Research and Development Intern   May 2018 – Aug 2018
World Vision Canada – Mississauga, ON
- Developed multiple software prototypes including Unity video games, Snapchat lenses and augmented reality
- Led the initiative in building the team's website using HTML, CSS and JavaScript

HACKATHONS

TOHacks 2019 Participant   June 2019
TOHacks – Toronto, ON
- Collaborated with UX designers to create an interactive platform for raising awareness on various social issues
- Technologies used: DialogFlow (NLP), Google's Speech to Text API, Node.js

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

PROJECTS

YFL Communication Hub (In Progress)   Aug 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)

Challenge for Change App ↗   July 2019 - Aug 2019
- Designed and developed an Instagram-like social app for World Vision Canada using Angular, Firebase and NativeScript

Autonomous Arduino Vacuum ↗   Oct 2018
- Created a web application that controls and monitors an autonomous Arduino vacuum via Bluetooth using libraries such as Epoch.js and BluetoothTerminal.js

EDUCATION

Bachelor of Technology: Automation Engineering Technology   Sept 2016 – Dec 2020
McMaster University and Mohawk College - Hamilton, ON
- Anticipating 3 concurrent credentials upon graduation: Bachelor of Technology Degree, Chemical Engineering Technology Advanced Diploma, and Business Management Certificate

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%