William Chan

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EDUCATION

University of Western Ontario 2019 - 2023
Bachelor of Science (Computer Science) | Dean's Honor List
Advanced Entry Opportunity into the Ivey School of Business

WORK EXPERIENCE

SDCN Lab (Toronto, ON) May 2020 – Present
Autonomous Vehicle Researcher

- Created a reinforcement learning model based on the cognitive hierarchy theory for self-driving cars using Tensorflow
- Designed simulations for AprilTag implementations with turtlebot2 to solve the Perspective-n-Point problem using ROS and Gazebo

Frostbite Esports (Toronto, ON) January 2017 – May 2020
Founder

- Organized nationwide gaming tournaments for over 1,200 individuals in partnership with organizations such as Toronto League Commune
- Increased finances by over $1000 through effectively communicating with large organizations such as u.gg for sponsorships
- Established a philanthropic strategy through integrating free-entry events which led to a 100% increase in event participation

Bayview Hill Pool (Toronto, ON) July 2018 – September 2019
Swim Instructor/Lifeguard

- Organized and created cohesive 4-month-long lesson plans to support program structures
- Achieved a 100% success rate in creating a safe environment for clients through collaborating effectively with the lifeguards
- Acquired a 96% pass-rate by professionally communicating with parents to recognize the needs of their children

SKILLS

Technologies
HTML, CSS, JavaScript, Java, Python, C++, C#, ROS, Tensorflow

Personal Qualities
Collaborative, organized, adaptive, hard-working, and self-motivated

AWARDS

2020 Undergraduate Student Research Award

2020 Lifesaving Canada`s National Development Team

2019 Horatio Alger Canadian Scholar

2015 Pan American Torchbearer

INTERESTS

Swimming
Top 25 in Canada in the 50m butterfly leg in the 200m IM relay in 2017

Food
Ramen, All-You-Can-Eats, Ice Cream

Machine Learning

Esports