

ADAM IANTORNO

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SUMMARY OF QUALIFICATIONS:

- Strong experience with AutoCAD, SolidWorks, and Siemens NX
- Foundational knowledge in programming with Python and C++
- Skillful in using Microsoft Office applications; created a monthly financial tracking system with Excel
- Profound understanding of Adobe Photoshop, Illustrator, and Premiere video editing software
- Highly efficient in writing technical reports based on quantitative studies and mixed research
- Adept in working in a fast-paced environment and balancing concurrent deadlines
- Strong leadership background with a focus on multidisciplinary teamwork and communication

EDUCATION:

Candidate for Bachelor of Applied Science, Mechanical Engineering

University of Waterloo, Waterloo, ON

September 2019 – Present

Appleby College, Oakville, ON

September 2015 – July 2019

- 4.0 GPA, Silver Duke of Edinburgh Award, Captain of Varsity Cross-Country, Model United Nations (MUN)

KEY PROJECTS:

UWAFTECOCAR CAVS TEAM

University of Waterloo, Waterloo, ON

September 2019 – Present

- Composing a design report on the key functionalities and testing methods a sensor fusion algorithm
- Gaining basic experience in using MATLAB, ROS, and C++ to implement Kalman Filter algorithms
- Analyzing simulation results using a binary classification system to detect sensor fusion faults

UWAFTECOCAR MECHANICAL TEAM

University of Waterloo, Waterloo, ON

September 2019 – Present

- Creating 3D-models of vehicle components in Siemens NX based on mechanical drawings
- Machining rear vehicle mounts for the car with a lathe and mill in the machine shop
- Strengthening time-management by collaborating in UWAFTECOCAR while completing university studies

REMOTE-CONTROLLED TENNIS BALL COLLECTOR

Appleby College, Oakville, ON

March 2019 – June 2019

- Operated in a small team to proactively complete tasks and gain experience with VEX Robotics systems
- Created design drawings which were then prototyped, revamped, and built into group physics project

RELEVANT EXPERIENCE:

SALESPERSON, COBS BREAD

Mississauga, ON

March – August 2019

- Adapted to customers' needs to provide exceptional customer service with interpersonal skills
- Mentored 4 employees on serving customers and maintaining a bakery to meet company standards
- Performed quality assurance duties, such as quality assessments and chemical ppm checks

SOUTH AFRICA BIOLOGY CO-OP TRIP

Operation Wallacea, Balule Nature Reserve, ZA

March 2017

- Surveyed South African safari and marine life to analyze plant deviation and coral reef pigmentation
- Composed a research paper on the traumatic effects that elephant migration routes has on vegetation

LEADERSHIP AND VOLUNTEER EXPERIENCE:

SCHOOL PREFECT

Appleby College, Oakville, ON

August 2018 – July 2019

- Implemented school-wide and local fundraising events to promote student well-being
- Lead weekly student and faculty assemblies to instill school unity and promote opportunities within school
- Delivered detailed campus tours using communication skills to prospective students and their families

CAMBODIA SERVICE TRIP

Where There Be Dragons, Siem Reap, KH

March 2018

- Constructed cement sidewalks and water tanks with locals using shaped molds on the island of Koh Pdao
- Collaborated with other students to research the aftermath of the 20th century Cambodian genocide