

Jordan Van Wyk

1A Nanotechnology Engineering | University of Waterloo

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Summary

- An organized, multifaceted team member with proven time management and communication skills.
- Impressive problem solving and teamwork expertise, cultivated through experience as a Project Engineer, founding and running MASH, and as a senior Air Cadet.
- Able to prioritize and excel in a fast-paced environment, demonstrated through strong community involvement while maintaining strong academics.
- Self-motivated, passionate, and eager to learn, as demonstrated through founding MASH.

Skills

- **Proficient with:** AutoDesk, Microsoft Office, Project management, Hardware and electronics design.
- **Experience with:** Python, MATLAB, Arduino, HTML, CSS, Lab skills.
- **Currently learning:** Javascript, Python, React, SQL database.

Relevant Experience

Project Engineer

July-Nov 2016

University of Waterloo.

- Enhanced problem solving skills by prototyping designs and troubleshooting defects for a 3D vocal tract.
- Employed time management skills to develop a timeline for the completion of each stage.
- Effectively used the engineering design method by taking a concept to a final product.

Founder and President

2014-Present

MASH Tutoring

- Developed to provide Math and Science help to every student for free through a peer to peer volunteer network.
- Rapidly grew leadership, teamwork and organizational skills through expanding the executive team.
- MASH has impacted over 100 students and is expanding to all of Waterloo Region District School Board.

Squadron Cadet Commander

2010-Present

Royal Canadian Air Cadets

- Greatly improved responsibility and leadership as the chief Air Cadet, teaching lessons and leading senior cadets.
- Developed strong self-initiation and organisational skills to effectively run improve the squadron of 70 cadets.

Carbon Capture and Sequestration (CCS) Design Project

Sept-Dec 2016

- Furthered collaboration and time management skills in a group of 5 to innovate improvements for CCS.
- Advanced professional presentation skills by pitching our solution to top Shell Canada executives

Crew Member

May-Sept 2016

McDonalds

- Developed strong communication skills by delivering easy to understand instructions and feedback to students.
- Demonstrated group leadership skills by managing and teaching programs while catering to different skill levels.

Awards and Certifications

Candidate for Applied Sciences, Nanotechnology Engineering, University of Waterloo

2016 – Present

LORAN Scholars Foundation Finalist Award	2016	International Air Cadet Exchange	2016
Waterloo President's Scholarship of Distiction	2016	Ontario Principal's Council Award for Student Leadership	2016
Power Pilot Scholarship	2015	Waterloo Region Record's Top Student	2016
Standard First Aid and CPR-C	2014	1 st place DECA ICDC	2016

Interests and Other Activities

- Learned hard skills and project management by making a Sumo robot and a maze navigating firefighter robot.
- Interests include: playing the trumpet, mountain biking, running, and flying.