

Duncan McRae

Engineering Intern

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EDUCATION

Honours BSc Physics and BAsC Electrical Engineering

University of Ottawa / Ottawa, ON. / 2021 – Present

- CGPA 8.07 / 10
- Coursework in both physics and electrical engineering disciplines

High-School Diploma

Char-Lan DHS / Williamstown, ON. / 2016-2020

- Valedictorian
- Agricultural High Skills Major

SKILLS

Computer Skills: SOLIDWORKS / FreeCAD, Multisim, Microsoft Office, coding languages: Python, C, MATLAB, HTML, VBA.

Personal skills: teamwork and collaboration, problem-solving, verbal communication, and written communication.

Technical skills: circuit analysis, equipment maintenance and repair, machinery operation, metalworking, woodworking, welding, soldering, physical labour.

EXPERIENCE

Farm Hand

Charlottengro Farms / Williamstown, ON. / 2020 – 2023

- Operated, maintained, and repaired equipment.
- Installed new equipment when necessary.
- Completed tasks on time and under rapidly changing conditions.
- Continuous problem solving in cooperation with management.

Construction Labourer

Dave Lawson Woodworking Ltd. / Jasper, AB. / Sept. – Dec. 2020

- Operated construction equipment and power tools
- Learned and applied construction techniques including: reinforced concrete and foundation work, framing, insulation, roofing

Farm Hand

Heidi Farms Inc. / Bainsville, ON. / 2016 – 2023

- Performed multiple roles in milking operations during early and late hours.
- Operated equipment during harvest season.