Zane Shepherd

Ba. Mechanical Engineering

(613) 262-8491   zshep015@uottawa.ca

SKILLS

- **Design**
  - Have created multiple design projects for courses and the uOttawa Mars Rover Team
  - https://zane-shepherd.github.io/Online-Portfolio/ (Online Portfolio)
- **SolidWorks**
  - CAD
  - Simulation
- **Excel**
- **Technical Writing**

- **Analytical Problem Solving**
  - Stress/ Strain/ Failure Analysis
  - Truss/ Beam Analysis
  - Fluid Analysis
- **Programming**
  - C, Arduino, HTML, JavaScript, CSS, Python
- **French Language Certificate**
  - DELF B2 (2020)

- **Personal Skills**
  - Problem Solving
  - Critical Thinking
  - Determination
  - Initiative
  - Teamwork
  - Athletics
  - Cultural Sensitivity
    - Have participated in exchange programs to China and Kuujjuaq

WORK EXPERIENCE

May 2023 – August 2023

Engineering Assistant • City of Ottawa Infrastructure and Water Services Department
- Applied educational knowledge and developed technical expertise

Worked in quality assurance; inspecting and testing water main valves and new infrastructure for anode installation projects.

2021-2022

Tree-Planter • Summit Reforestation
- Developed self-motivation, perseverance, and work ethic

Worked 10-hour shifts planting trees and getting paid per tree planted. I was responsible for managing my own quality and production. I worked consistently hard in all conditions and was very successful.

2017-2020
Counsellor • After-Care Program and Summer Camps • Old Ottawa East Community Activities Group (CAG)
- Developed accountability, compassion, pedagogy, and teamwork

Was part of a small group of counsellors responsible for the wellbeing of approximately 20 children.

POST SECONDARY EDUCATION

Post-Secondary Education
University of Ottawa
Date: 2020-Present
Expected Graduation: 2024

Current CGPA: 8.0 (10-point scale)
Awards: Merit Scholarship (2022, 2021), Admission Scholarship (2020)

REFERENCES

Upon request