

# Curriculum Vitae

## Aiden William James Taylor

Calgary, AB

aiden.taylor1@ucalgary.ca

## Work Experience

05/2021 - 06/2024 **Federal Government**  
Student Infrastructure Support Analyst

06/2024 - 08/2024 **DMT Geosciences Ltd**  
Contractor

## Education

09/2019 - 12/2023 **University of Calgary**  
B.Sc. in Computer Science  
Minor: Mathematics

09/2024 - Present **University of Calgary**  
M.Sc. in Mathematics

## Research Experience

05/2023 - 08/2023 **NSERC Funded Undergraduate Research**  
*A Study of Function Spaces, and Adaptive Finite Element Methods*  
Supervisor: Assoc. Prof. Cristian Rios

06/2024 - 08/2024 **Mining Innovation Commercialization Accelerator (MICA) Funded Project**  
*Continuous Autonomous Tomographic Monitoring for Tailings Dams and Embankments*  
Supervisor: Dr. Robert Perrin

01/2025 - 08/2025 **Calculus Development Graduate Research Assistant**  
*MTST Specifications Calculus*  
Supervisor: Assoc. Prof. (Teaching) Jerrod Smith

## **Teaching Experience**

09/2024 - 12/2024 **MATH 267 (Calculus II)**

01/2025 - 04/2025 **MATH 267 (Calculus II)**

01/2025 - 04/2025 **MATH 318 (Introduction to Cryptography)**

05/2025 - 06/2025 **MATH 375 (Differential Equations for Engineers and Scientists)**

09/2025 - Present **MATH 275 (Calculus for Engineers and Scientists)**

09/2025 - Present **MATH 375 (Differential Equations for Engineers and Scientists)**

## **Academic Awards and Scholarships**

- Alexander Rutherford Scholarships: 2500 CAD\$
- Jason Lang Scholarships: 3000 CAD\$
- NSERC Undergraduate Student Research Awards (USRA): 7500 CAD\$

## **Programming Skills**

Proficient in:

- C/C++, Python, and L<sup>A</sup>T<sub>E</sub>X

Good knowledge of:

- Matlab and Mathematica

## **References**

These persons are familiar with my professional qualifications and my character:

### **Assoc. Prof. Cristian Rios**

Organization: University of Calgary

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Email: crios@ucalgary.ca