

Curriculum Vitae

Aiden William James Taylor

Calgary, AB
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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 \LaTeX

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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