

Curriculum Vitae

Aiden Taylor

Calgary, AB

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Research Interests

My research interests mainly lie in Pure and Applied Mathematical Analysis, as well as Computer Science, and I am specifically interested in Finite Element Methods. This includes the study of Adaptive Finite Element Methods, Mesh Generation Techniques, Functional Analysis, Operator Theory, Measure Theory, etc

Education

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

Academic Awards and Scholarships

09/2020 - 09/2022 **Jason Lang Scholarships**
Description: Have achieved a minimum Grade Point Average of 3.2 on a 4.0 point scale based on an 80% full course load in the previous fall and winter terms.

05/2023 - 08/2023 **NSERC USRA**
Description: The Undergraduate Student Research Awards (USRA) program financially supports undergraduate research for more than 3,000 students annually. To be eligible to apply one must have obtained, over the previous years of study, a satisfactory cumulative average (normally at least a 3.0 on a 4.0 point scale).

Research Experience

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

Work Experience

05/2021 - 11/2023 **Canada Revenue Agency**
Job title: Student Infrastructure Support Analyst
Description: My duties include providing technical advice to co-workers and clients, investigating and resolving hardware and software issues, taking inventory of hardware and software assets, and managing user accounts, assets, and permissions.

References

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

Assoc. Prof. Cristian Rios

Organization: University of Calgary

Phone: (403)220-3221

Email: crios@ucalgary.ca

John Tyreman

Organization: Upon request

Phone: Upon request

Email: Upon request

Michael Sturm

Organization: Upon request

Phone: Upon request

Email: Upon request

George Shum

Organization: Upon request

Phone: Upon request

Email: Upon request

Satwinder Johal

Organization: Upon request

Phone: Upon request

Email: Upon request

Lisa Wong

Organization: Upon request

Phone: Upon request

Email: Upon request