

# TOM WRIGHT

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## Education

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**McGill University** – Bachelor of Science **2017 – present**

- Joint Major in Statistics and Computer Science
  - cGPA: 3.86/4.0 over past two years, 3.76/4.0 overall
- J. W. McConnell Scholar - Major Renewable Academic Scholarship

## Research

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**MILA Research Assistant with Prof. Dr. David Rolnick** **Sept 2021 - present**

- Building off of DC3, working to create a deep learning framework for the Unit Commitment problem

## Employment

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**Invenia Labs - Research Intern** **May 2021 - Aug. 2021**

- Created an open source Julia package to implement a specific class of multi-output Gaussian Process.
- Engaged with the open source community to ensure contributions met community standards on top of fulfilling the needs of the company.

**Invenia – Software Developer Intern** **May 2020 – Dec. 2020**

- Developed and analyzed the performance of cloud-computing infrastructure to enable better use of AWS tools.
- Performed data analysis and built predictive models of various forms. Designed and developed a Julia package to implement these in production.

**Parks Canada – Public Outreach Educator** **May. 2018 – Sept. 2018, May. 2019 – Sept. 2019**

- Researched, developed and facilitated educational programs to deliver to the public

## Leadership and Volunteer Experience

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**REES Youth Advisory Board Member** **2020 - present**

- Help educate and engage campus communities about sexual and gender based violence, including advocating for the REES online reporting tool.

**Dominican Republic National Jr. Ultimate Team** **2018**

- Helped lead The Dominican Republic in their first-ever appearance at the World Junior Ultimate Championships.

## Skills and Interests

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**Languages:** Fluent in English, advanced proficiency in French

**Programming:** Python, Julia, Java, SQL, C, OCaml, MATLAB, Web Dev, MIPS and shell scripting

**Technologies:** AWS, Docker, Git, Linux

**Ultimate Frisbee:** Placed top ten at the World Junior Ultimate Championships for assists.

## ExtraCurriculars

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**Member - JuliaGaussianProcesses** **May 2021 - present**

- Help build open source infrastructure for Gaussian Processes in Julia

**Developer – Hack4Impact McGill** **Oct. 2019 - May 2020**

- Help partner nonprofits build and develop their software

References and transcript available upon request.