

TOM WRIGHT

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Education

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

Mila Research Assistant with Prof. Dr. David Rolnick and Priya Donti **Sept 2021 - present**

- Creating a deep learning framework for the Unit Commitment problem found in power systems research

Employment

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

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

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

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.