

Sloane Holtby

Statistician & Software Engineer

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Education

McGill University B.A. — Major in Mathematical Statistics, Major in Software Engineering  Sept 2021 - May 2026
Minor in Economics (view relevant coursework here)

Experience

McGill University — Research Student

 May 2025 - Present

R & R Markdown

Python

HTML

CSS

Git

- Department of Mathematics & Statistics (Supervisor: Professor Steele).
- Modeled the non-linear link between salary dispersion and NHL performance using Poisson GLM and Dynamic-panel GMM.
- Built a companion interactive web dashboard and a reproducible pipeline to explore team-year salary structures.
- Designed and implemented analytical models that demonstrate effective critical thinking and decision-making processes.
- Click to view my [dashboard](#) and my [paper](#)!

LodgeLink — Full Stack Developer Intern

 May 2024 - Aug 2024

JavaScript

TypeScript

Azure

Git

- Specialized in Developer Experience (DevEx), enhancing productivity, streamlining workflows and measuring outcomes.
- Researched and implemented tools, like GitHub Copilot and SonarCloud, to optimize Developer workflow and improve code quality.
- Conducted data-driven analysis to reduce bottlenecks, improve system performance, and ensure maintainable code bases.
- Developed and maintained front-end and back-end systems, leveraging cloud platforms and DevOps tools to deliver solutions.
- Supported Senior Management and acted as a liaison between management and developer teams.

Infield Suites (Calgary Stampede) — Suite Attendant

 Jun 2023 - Aug 2023

- Demonstrated strong organization and interpersonal skills in coordinating with staff and supervisors, ensuring seamless event execution.
- Organized and managed detailed setup of the suite, including inventory management and service.
- Addressed client requests and liaised with teams to ensure client requests were met efficiently.
- Delivered exceptional service to high-profile guests ensuring an efficient and welcoming experience.

Extracurriculars

CodeJam McGill — President

 Jan 2024 - Present

- Spearheaded the annual CodeJam Hackathon, demonstrating leadership in organizing a premier coding event hosting over 400 people.
- Lead a 20-person team to manage all event aspects, including Sponsorship, Finance, Web Dev, Logistics, Marketing and Design.
- Built and maintained strong partnerships with students, sponsors and industry leaders to support and create valuable experiences.

McGill Women in Computer Science — VP External

 Oct 2023 - Sept 2025

- Served as the liaison between McWiCS and other McGill clubs, coordinating inter-club collaborations and events.
- Represented McWiCS at Industry events and fostered invaluable partnerships.
- McGill Representative for the Pan-Canada WiCS events and initiatives.

Skills & Achievements

Achievements

- McGill Varsity Volleyball scholarship recipient and RSEQ gold medalist.
- Rutherford Scholarship recipient, Walls Academic Scholarship, Rundle College Society Art Award.
- 3x Rundle College volleyball MVP, Varsity volleyball Provincial Champion and silver medalist.

Strengths

Communication

Organization

Leadership

Teamwork

Critical Thinking

Coachable

Detailed Oriented

Innovation

Analytical Thinking

Interpersonal Skills

Skills

Languages

Python

R

Java

JavaScript

TypeScript

HTML

CSS

SQL

Softwares

Figma

Git

MongoDB

Azure

GitLab

Markdown

Excel

Microsoft Office