Alexandre St-Aubin

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Education

McGill University	September 2022 – present
Bachelor of Science, Honours Math & Computer Science, GPA: 3.80/4	*Montréal, QC, Canada*
Champlain College St-Lambert	September 2020 – May 2022
Pure and applied sciences, R-score: 33.0	*St-Lambert, QC, Canada*

Work Experience

Intern	June 2023 – December 2023
Institut de la Statistique du Québec (ISQ)	*Montréal, QC, Canada*

- Develop a VBA application which streamlines the process of estimating survey completion times.
- Sort and interpret open-ended responses using word analysis programs.
- Contribute to provincial research studies such as the *Québec Health Survey of High School Students* (QHSHSS) and the *Québec Survey on Tobacco and Vaping Products*.

Photographer	January 2023 – present
Student's Society of McGill University (SSMU)	*Montréal, QC, Canada*

- Photograph events such as ceremonies, night events, and campus life for the social media and website of the SSMU.
- Edit photos with Adobe Lightroom.

Academic Experience

Course Grader – MATH 251, Honours Algebra II	Winter 2024
Grade assignments, McGill University.	
Directed Reading Program – McGill University	Winter 2024
Engage in a machine learning study and conduct a research project, guided by a graduate student mentor.	

Awards & Honors

School of Computer Science SURA Award	Summer 2024
Research funding, supervised by Professor Hsiu-Chin Lin at McGill University.	*Amount: 8,700 CAD*

Skills

Programming languages: Python, JAVA, C/C++, MATLAB, VBA.
Bilingual: French, English.
Other : LaTeX, Unix/Linux, Git, ROS.

Relevant Coursework

Math Courses: Honours Algebra I-II, Honours Analysis I-IV, Honours Convex Optimization, Principles of Statistics I-II, Honours Eucledian Geometry, Probability, Honours Vector Calculus, Honours Discrete Mathematics, Honours Statistics.
CS Courses: Software Systems, Computer Systems, Operating Systems, Applied Robotics, Honours Algorithms and Data Structures.