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📄 <https://aleksmcgale.github.io>

Aleksandra McGale

Education

Since 2015 **Bachelor of Science**, *University of Toronto*, Canada, *Grade*.

Specializing in Statistics and Majoring in Mathematics

Relevant Courses: Software Engineering, Databases, Abstract Mathematics, Computer Organization

2011 - 2015 **IB Diploma**, *Michael Power St. Josephs*, Toronto, *32/45 IB Points*.

Experience

Vocational

January 2016 **Research Assistant**, *Dr. Kang Lee Lab*, Toronto.

- February 2017 Ran and oversaw experiments with children ranging from 2 to 6 years of age. Collected and inputted data using SPSS. Performed video coding on collected data. Attended and ran recruiting events for new participants. Conducted interviews for potential new Research Assistants.

Miscellaneous

2015–2016 **Vice President of Risk Management**, *Women's Leadership Group at the University of Toronto*.

Organized events with over 15 different student organizations while maintaining safety throughout the events. Has been a general member since September 2015 and has assisted in over 6 fundraising events.

Since 2014 **Lifeguard and Swim Instructor**, *City of Toronto*.

Ensures patron safety and satisfaction while providing thorough swimming education to refine swim technique.

2013– 2014 **Sales Associate**, *Toys R Us*.

Oversaw the maintenance of store activities and performed customer service.

Computer skills

Python, Java, R, SPSS, SQL, Verilog, Assembly, HTML5, CSS, Javascript. Github for version control in projects.

Projects

- Java – Created an interactive image tagger using OOP design patterns as well as implementing File IO, Loggers and Serialization. Created a GUI using JavaFX
- SQL – Querying: Aggregation, Joins, Nested Queries, Views
- Web Development – Created a dynamic web page using HTML5, Javascript and CSS.
- R – Experience in analyzing datasets using regression modelling and diagnostics and correlation analysis.

Career Development

February 2017 **Women's Leadership Conference**.

Was selected to attend a Women's Leadership conference in Pittsburgh which pertained to developing social and career skills.