

EDUCATION

- **McGill University** Montreal, QC
Bachelor of Science in Honours Computer Science and Biology; CGPA: 3.98 / 4.0 Sept 2016 – Apr 2020
 - **Relevant Coursework:** Applied Machine Learning, Computational Biology, Honours Algorithm Design, Discrete Structures, Linear Algebra, Probability
- **National University of Singapore** Singapore
Exchange Semester Jan 2018 – May 2018
 - **Relevant Coursework:** Computer Organization, Database Systems, Mathematical Statistics
- **Winchester High School** Winchester, MA
Treasurer, Class of 2016; GPA: 4.23 / 4.5 Sep 2012 – June 2016

EXPERIENCE

- **Capital One** Richmond, VA
Technology Development Program: Software Engineering Intern June 2019 - Aug 2019
- **Pearson Learning Services Technology** Boston, MA
Software Developer Intern June 2018 - Aug 2018
 - **Assessment Import Tool:** Automated the process of converting legacy assessment content to a modern assessment format, saving hundreds of man-hours.
 - **Search Result Serializer:** Wrote a script to compile and format information from BitBucket's search API, dramatically improving workflow efficiency.
- **McGill University** Montreal, QC
Research Assistant and Teaching Assistant Sept 2017 - Dec 2017
 - **Research Assistant - Web Developer:** Contributed to a web application designed to facilitate music research. Used the Django framework to add features such as individual User profiles and User authentication. Redesigned several webpages using Bootstrap.
 - **Teaching Assistant - Calculus III (Multivariate):** Prepared and taught weekly tutorials to small classes of students. Received positive reviews from students and faculty.

SELECTED PROJECTS

- **Predicting DNA Transcription Factor Binding Sites** December 2018
Technologies: Python, Scikit-Learn
 - Processed DNA sequence and physical data. Wrote a baseline predictor and trained an SVM classifier to predict binding sites.
- **CarPull** April 2018
Technologies: PHP, PostgreSQL, HTML, CSS
 - Facilitates carpooling by allowing users create and query for rides based on various parameters.

PROGRAMMING SKILLS

- **Languages:** Java, Python, SQL, Bash, C, CSS, HTML, Javascript
- **Tools:** Git, IntelliJ, Jupyter Notebook, Trello, Visual Studio Code
- **Operating Systems:** GNU/Linux, Windows, OSX
- **Frameworks:** Django, Flask, Jekyll

INTERESTS

- Vice President, McGill Ultimate Team: Plan logistics for tournaments. Compete provincially and nationally.
- Other Hobbies: Leatherwork, Cooking, Playing Violin