

Matthew Preston

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Employment History

SP Consulting

June 2014 - Present

Real Estate Assistant

Mississauga, ON

- Took dimensions and photos of interior residential condos for listing purposes
- Proficiently and meticulously prepared legal documents to present to both Seller/Buyer
- Dealt with clientele while remaining polite and courteous
- Wrote a user interface in VB to effortlessly create Schedule A's, improving efficiency

Chang Lab

May 2016 - August 2017

Research Assistant

Toronto, ON

- Wrote intricate programs (in Python, Bash, C++, Java, R, Perl, SQL) for automating the reconstruction of genes from contiguous sequences generated by De Novo assemblers (SOAPdenovo-Trans, SPAdes, Trinity, Velvet)
- Moved an Apache Tomcat server for phylogenetic analyses (PAML)
- Used native Linux tools to manage server load and automatically update BLAST databases
- Co-author of paper: Targeted hybrid enrichment of complete coding regions across divergent species (published in *Genome Biology and Evolution*, doi: 10.1093/gbe/evx005)

Elections Canada

June 2014

Poll Clerk

Mississauga, ON

- Managed large groups of electors to efficiently place votes in an orderly fashion
- Accurately recorded the table of electors and tallied the final ballot results

Volunteering

Chang Lab

December 2015 - April 2016

Volunteer

Toronto, ON

- Helped analyze DNA reads involving rhodopsin in reptiles after NGS sequencing
- Wrote programming scripts in Bash, C++, Python, R to align sequences & generate statistics

Mentor College Take Action Group

September 2012 - June 2014

Lead Accountant

Mississauga, ON

- Collaborated with peers to fundraise money for a village in Kenya through innovative ways
- Actively pitched ideas, helped promote, and took part hosting events
- Collected and counted funds for every occasion, created detailed income statements
- Gave PowerPoint presentation on how to increase revenue, cut costs, and maximize profits

MC Day Camp Various Winters, March Breaks, & Summers from Dec 2010 - July 2013

Volunteer Counselor

Mississauga, ON

- Supervised children ages 4+, led and engaged in arts and crafts, learning activities, and exercise
- Teamed with counselors to arrange playful events, enforce safety, and encourage friendship

Education and Achievements

University of Toronto
Doctor of Dental Surgery

September 2017 – Present
Toronto, ON

University of Toronto
Bachelor of Science

September 2014 – Aug 2017
Toronto, ON

- Majored in Biochemistry and Biomedical Toxicology, Minored in Immunology
- Received New College scholarship (90+ entry average)
- NC In-Course Scholarship for 2014-2015, 2015-2016
- Dean's List recipient for 2014-2015, 2015-2016, 2016-2017
- University of Toronto Excellence Award for 2016

Mentor College
High School Diploma

September 2010 - June 2014
Mississauga, ON

- Honor Roll Gr 9–12, Gr 9 Business Award, Gr 10 & 11 Math Awards, Gr 12 Advanced Functions Award, Gr 11 Programming Award, AP Chemistry Excellence Award
- Perfect score on Chem 13 News Exam, Top 25% in Canadian Senior Math Contest

Hobbies

- Bouldering
- Kayaking
- Programming
- Electronics
- Drawing
- Mathematics