

Peiqi Wang

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EDUCATION

UNIVERSITY OF TORONTO

BS IN COMPUTER SCIENCE

Expected April 2018 | Toronto, ON,

Cum. GPA: 4.0 / 4.0

Victoria College

STRATHCONA HIGH SCHOOL

Grad. May 2014 | Edmonton, AB

LINKS

Github:// [tt6746690](#)

COURSEWORK

MATH & STATISTICS

MAT223 Linear Algebra

MAT237 Multivariate Calculus

STA247 Probability with Computer Appli.

STA261 Probability and Statistics II

COMPUTER SCIENCE

CSC207 Intro to Software Engineering

CSC209 C and Systems Programming

CSC236 Intro to Theory of Computation

CSC258 Computer Organization

CSC263 Data Structure and Analysis

SKILLS

LANGUAGE

Some Experience:

LaTeX • SQL • Python • R

Verilog • C • Java

JavaScript • HTML

THE PETER GILGAN CENTRE FOR RESEARCH AND LEARNING |

RESEARCH ASSISTANT

September 2016 - Present | Toronto, ON

- Improved Diagnoses Suggestion Visualization for [http://Phenotips](#)
- Constructing an alternative splicing RNA sequencing pipeline for use on clusters [http://Mugqic](#)

DONNELLY CENTRE FOR CELLULAR AND BIOMOLECULAR RESEARCH | WEB DEVELOPER

May 2016 - Present | Toronto, ON

- Designed a database schema for storing gene annotation and experimental data
- Worked on a full stack website using Nodejs, Expressjs, Pug, and MySQL as well as D3js for data visualization
[http://EdgoDB](#)

INTERNATIONAL GENETICALLY MODIFIED MACHINE (IGEM) |

DRY LAB MEMBER & WEB MASTER

Sep 2015 - Sep 2016 | Toronto, ON

- Worked on the development of ConsortiaFlux, a web-based pipeline that allows for the visualization, manipulation and interpretation of genome-scale metabolic models of bacterial communities, modeled using flux balance analysis
- Provided critical feedback toward planning of the first BioHackathon. Contributed to the development of BioHackathon website

EXTRA-CURRICULAR

UNIVERSITY OF TORONTO MOST UNDERSTANDABLE SCIENTIST (UTMUST) | ORGANIZER

Sep 2015 - Dec 2015 | Toronto, ON

Promoted UTMUST presentation contest on social media platforms. Revised and decided upon the event proposal. Drafted sponsorship emails and engaged in email correspondence.

AWARDS & SCHOLARSHIPS

2016	Vic	The Kathryn Anne Radford Scholarships(\$1000)
2016	University	Undergraduate Research Opportunities Program UROP (\$2400)
2016	Vic	The Milne Research Award (\$2000)
2016	University	Dean's List Scholar
2015	Vic	The Timothy E F White Scholarship (\$1000)
2015	Vic	Adel S Sedra Undergraduate Scholarship In Mathematics (\$500)
2015	Vic	The Helen Margaret (McConkey) Thomson Scholarship (\$3000)
2014	University	University of Toronto Scholars Awards (\$8000)