

Sarah Yeo

Education

University of British Columbia

BSc. (Honours) Computer Science and Mathematics

Vancouver, BC

Excepted June 2017

- Current GPA: 4.33 out of 4.33
- Relevant Coursework : Software Architecture, Data Structures, Operating Systems, Computing Hardware

University Transition Program

High School

Vancouver, BC

Sept. 2011 - June 2013

- Core Average: 97%
- Accelerated two-year high school program

Experience

UBC Computer Science Department

Undergraduate Teaching Assistant

Vancouver, BC

Sept. 2014 - Present

- Responsible for running labs, holding office hours, invigilating exams, and grading coursework for CPSC 110
- Instructed students by giving short lectures at the beginning of labs, explaining concepts and answering questions about material
- Accountable for enforcing administrative policies and maintaining online question forum Piazza

Percy Norman Swim Club

Swim Coach

Vancouver, BC

Sept. 2013 - Present

- Responsible for planning and leading swim practice for young competitive swimmers
- Mentor and guide Assistant Coaches and Junior Leaders
- Worked closely with other coaches and parents to create a open, inclusive inter-club community through planning and facilitating events such Christmas and Year-End Parties, Time Trials, and Mile Swims

Projects

Cops n' Robbers: Developed a two-player Android game centered around the idea of a single button game design.

Available on the Google Play Store with over 100 downloads.

EcoGEM: Developed an Android application that uses the Mojio API to acquire data about a vehicle's fuel efficiency and rewards coupons if a monthly goal is met. Completed during nWHacks 2015

Warehouse Wars: Created a web based arcade game with the Phaser.js framework, with both single and two-player modes.

Restaurant Quiz: Utilized Google Maps and Yelp APIs to implement a fun, interactive game centered around guessing various restaurant locations across Canada. Developed as the term project for CPSC 210.

Research Project: *Discovering host specific adaptive mutations in pathogenic organisms.*

Developed an analytical pipeline that, given a set of genomic reads isolated from a pathogen, is capable of identifying and ranking mutations by their potential biological significance. Presented at the Multidisciplinary Undergraduate Research Conference 2015.

Community

Special Olympics BC

Volunteer Coach

Vancouver, BC

Sept. 2013 – Present

- Responsible for leading athletes with mental and physical disabilities through interactive activities in the pool, with emphasis on encouragement and positive reinforcement
- Interacted with athletes to help them develop social and developmental skills

Saint John's Ambulance

Volunteer Medical First Responder

Vancouver, BC

Sept. 2013 – Present

- Responsible for providing volunteer first aid at community events, as well as educating the public on the importance of health and safety in daily life
- Holds and maintains valid Medical First Responder (MFR), CPR-HCP and National Lifeguard Service (NLS) Pool

UBC Mental Health Awareness Club

Outreach Coordinator

Vancouver, BC

Sept. 2014 – Present

- Responsible for running and maintaining UBC MHAC's presence on various social media platforms including Facebook, Instagram, Twitter and AskFM
- Responsible for organizing and facilitating promotional campaigns and fundraisers
- Promotional Coordinator for the national Defeat Depressions campaign, responsible for promoting the Defeat Depression 5K Walk/Run hosted by UBC MHAC

Awards

2014	Trek Excellence Scholarship
2014	J Fred Muir Memorial Scholarship in Science
2014	Science Scholar/Dean Honor List
2014	Chancellor's Scholar Designation
2013	Graduation Program Examination Scholarship
2013	BC Government District/Authority Award
2013	Passport to Education
2013	Top Academic Graduate (University Transition Program)
2012	Top Academic Year One Student (University Transition Program)