

# Kristy Mualim

3524 Rue Hutchison, Apt 30

Montreal H2X 2H2, Quebec, Canada

(310)904-8155

[kristy.mualim@mail.mcgill.ca](mailto:kristy.mualim@mail.mcgill.ca)

## Education

**McGill University**, Montreal, Quebec

September 2015 -Present

Bachelor of Science, Biochemistry (Honors)

Minor in Computer Science

**Serangoon Junior College**, Singapore

A'Level Certification

Dec 2014

- Performed in Top 3%
- Dean's List
  - o Awarded Top 5% of the cohort
- Credit Certificate for New South Wales Mathematics Competition
- Character & Citizenship Award (Platinum)

## Research Experience

**McIntyre Medical Building**, Montreal, Canada

January 2018 – Present

- Utilization of MATLAB for data compilation and analysis
- Auditing Graduate Level Course on utilizing computational, mathematical and statistical approaches in the life sciences

**Francesco Bellini Life Sciences Building**, Montreal, Canada

September 2016- Present

Protein and nucleic acid structure analysis via Nuclear Magnetic Resonance (NMR)

- Conduct in-depth research, compile data and prepare papers for consideration and presentation by executives
- Initiated novel projects on new proteins including a project focused on an overseen linker domain
- Installed various peer-peer support structures such as communal dinners and interfaces for more efficient communication
- Spearheaded various teambuilding efforts such as annual team-building retreats
- Presented and relayed data to other labs and coworkers

## Additional Skills

- Proficient in Java
  - o University Level Introductory Computer Science Course
- Working Knowledge of Python and R
  - o Code Academy and Udemy (Machine Learning)
- WHIMIS certified
- Proficient in Microsoft Word, Office
- Fluent in English, Mandarin, Indonesian
- First-aid certified

## **Leadership Experience**

### **HANY**

Sept 2017- Present

#### **Sociocultural Events Coordinator**

- Collaborate with event venue operators for cultural outings such as museums and heritage sites
- Organization of board committee conferences
- Spearhead fundraising opportunities to generate a greater budget for future activities
- Execute novel sociocultural activities such as trips to local art museums for better understanding of Canada's culture
- Communicate and listen to the needs of participants and presenting ideas and solutions to these requirements
- Budget and organize events to ensure proper utilization of resources

### **Roots: Youth Mental Health Alliance**

#### **Events Coordinator**

Sept 2017- Present

- Collaborating with other mental health organizations to secure locations and similar objectives for successful execution of events
- Handling of logistics such as location, line-up for open mic-night
- Organizing panel discussions and recruiting inter-disciplinary speakers
- Publicizing of event campus-wide via posters and social media

### **Branch-Out Mentorship**

#### **Head of Finance**

Sept 2016 – Sept 2017

- Handled logistics and budget projects
- Distributed timely reimbursements
- High organization of receipts and budgeting for each visit
- Introduced new and alternative creative outlets such as cooking mentorships
- Initiated innovative alternatives to cut costs such as using alternative recyclable materials

## **Community-Involvement Experiences**

### **MADA Community Center Food Bank**

Jan 2017 – April 2017

- Food Prep for service
- Managed staff for preparatory roles

### **Homework Zone Mentorship Program**

September 2016 -December 2016

- Mentoring and Tutoring Children from Orchard Elementary
- Implemented interactive learning mediums to increase student understanding of course material
- Routinely met with teachers to develop tailored lessons based on students needs
- Broke down complex concepts for better understanding via visual means
- Promptly dealt with disruptive behavior by mediating the situation

### **BranchOut Creative Mentorship**

September 2016 - Present

- Mentored High-School Students via Creative Outlets
- Initiated alternative activity involved in teaching proper nutrition
- Established lessons to expand students' knowledge on different heritages and cultures
- Classroom management of 15 students

## **Additional Training**

### **The International Culinary Center, New York, NY**

Grand Diploma in Professional Culinary Arts

July 2015

### **Professional Work Experience**

**Nimbus Tutoring**, Montreal, Quebec

December 2017 – Present

- Design interactive lesson plans and outlines
- Prepare relevant material such as preparatory practice questions

**Perilla**, New York, NY

April 2015– August 2015

- New-American Cuisine
- Involved in Prepwork and working Garde Manger

**Aquavit**, New York, NY

February 2015- April 2015

- Scandanavian Cuisine
- Involved in Prepwork for Cocktail Parties