

Name

Your full postal address. Your email address and/or phone number

Undergraduate physics student at UBC.
Presently specialized in nuclear and atomic physics.

Academic Employment History

05/2018–08/2018 **Co-op Research Assistant**, *University of XX*

Experimental Physics 3, supervised by Dr. XX
Working with two PhD students in the spintronics group to carry out electronic transport measurements, as well as optical lithography for producing solid state sample devices.

01/2017–08/2017 **Co-op Research Assistant**, *TRIUMF*, Vancouver, Canada.

Gamma Ray Spectroscopy at ISAC, supervised by Dr. XX
Working with two Post-Doctoral Researchers to build and test an ancillary particle identification detector (TRIFIC), to be used in the TIGRESS spectroscopy array for future nuclear structure research.

Education

2013–Present **BSc, Honours Physics; Expected Graduation in May 2019**, *UBC*.

Thesis title: XX.

Supervised by: XX

Volunteer Service

09/2018–Present **Tutor**, *Pathways to Education*, Vancouver, Canada.

Providing tutoring services to youth in grades 8-12, in Vancouver's Downtown Eastside; 6 hours weekly. I have recently been hired to a staff position with Pathways, beginning work in 2019.

Projects

09/2016–02/2017 **SEDS Canadian Reduced Gravity Challenge**, *UBC*, Vancouver, Canada.

Worked on a small team of UBC physics students to submit a design for an experimental apparatus to be carried out on a reduced-gravity-simulating flight. Our proposal was to investigate the reduced-gravity effects on a phenomenon from fluid dynamics called Richtmyer-Meshkov instabilities. These occur when a planar shock wave interacts with an interface separating two fluids of different densities. I served as team leader of our group of nine physics and engineering students from UBC and the University of Alberta.

Other Employment Highlights

10/2016–12/2017 **Peer Tutor**, *Centre for Accessibility at UBC*, Vancouver, Canada.

Provided tutoring services to students with accessibility needs; ~6 hours weekly. UBC provides this program to students at no-cost if they are referred by an accessibility advisor. I was matched with students needing assistance with math and physics courses.

05/2014–08/2014 05/2013–08/2013 **Bartender**, *Original Joe's Restaurant and Bar*, Edmonton, Canada.

Performed a combination of bartending and serving responsibilities. Rehired to this position over successive summers.

05/2016–08/2016 05/2015–08/2015 **NDE Inspections Assistant**, *Applus RTD*, Grande Prairie, Canada.

Assisted with the inspection of oil and gas industry vessels using radiography and ultrasound techniques. Rehired to this position over successive summers.

Interests

Unicycling, graphic design, outdoor activities

References

Name1: XX, Position: XX, Institution: XX, Contact: XX

Name2: XX, Position: XX, Institution: XX, Contact: XX
