

Ali Raisolsadat

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LinkedIn: [Ali Raisolsadat - University of Prince Edward Island - Prince Edward Island, Canada](#)

Skills and Qualifications

- Personable with the ability to work well with coworkers and the general public
- Organized with the ability to work well in high pressure and fast paced environments
- Proficient knowledge of Java and R Programming
- Proficient in Internet and computer applications including Microsoft Office, PowerPoint, Outlook and Google Drive
- Elementary Skills of Microsoft Excel
- Strong mathematical and analytical skills
- Bilingual in English and Farsi (Persian)

Education

Bachelor of Science – Actuarial Sciences

January 2020 – present

University of Prince Edward Island

- Relevant coursework: Interest Theory, Probability Theory, Long Term Actuarial Science Mathematics, Machine Learning, Data Structures in Java

Bachelor of Science – Financial Mathematics

September 2014 – 2019

University of Prince Edward Island

- Relevant coursework: Stochastic Processes, Financial Mathematics, Financial Economics, Economic Theories, Advanced Corporate Finance, Statistical and Mathematical Modelling
- Some awards and Scholarships:
 - Harry MacLauchlan Memorial Award in Mathematics, 2018
 - SPUR award, 2018

Employment History

Summer Research Assistant

May 2020 - September 2020

Veterans Affairs Canada, Charlottetown, PEI

- Research with Dr. Julian Velez regarding Cannabis for Medical Purposes (CMP) longitudinal data for purpose of writing a paper
- Conducted demographic and granular analysis of the CMP data of provided by VAC administration and research team
- Created time series models for the CMP data using R software
- Created presentation of the time series models in R flexdashboard and RShiny

Undergraduate Research Assistant

Summer 2018, Summer 2019

University of Prince Edward Island, Charlottetown, PEI

- Research project on “A Geometric Approach to Risk Management, with Dr. Alex Alvarez for the purpose of writing a paper
- Modelled and implemented asset pricing models and geometric risk measures in MATLAB and R Software

Academic achievements from this research project:

- Presented the research project in Science Atlantic 2018 (Université de Moncton) and achieving second place in the Statistics section of the presentations
- Presented the research project at University of Prince Edward Island, both for SPUR program (received SPUR scholarship) and as a colloquium presentation

Administrative Office Assistant

July 2017 – September 2017

Agriculture and Agri-food Canada (Science and Technology Branch), Charlottetown, PE

- Helped organizing the Agriculture Canada semi-annual open house event
- Created financial reports/forecast for executive/supervisors’ trips and events
- Created excel spreadsheets for listing all the employees in Agri-Canada for PEI & New Brunswick
- Office duties, such as printing, making binders for Charlottetown regional executive, filling out different forms, typing documents and setting up conference rooms

Mathematics Tutor – Help Center and Tutorial

September 2015 – April 2019

University of Prince Edward Island, PEI

- Worked in School of Mathematical and Computational Sciences (SMCS) help centre helping students with mathematical problems
- Teacher assistant for calculus tutorials designated by UPEI’s SMCS
- Taught the pre-calculus tutorial for first year calculus course
- With instructors’ supervision, helped to design pre-calculus tutorial teaching material

Volunteer Experience

School of Mathematical and Computational Society

September 2015 – April 2019

University of Prince Edward Island, PE

- Assisting with planning and setting up events in Mathematics faculty
- Financial executive of SMCS (School of Mathematical and Computational) society for year 2017-2018

Citizenship Class Teacher

September 2015 – July 2018

PEI Newcomers Association, Charlottetown, PE

- Assisting and teaching for citizenship classes