IRWIN KHUU

@ irwin.khuu2@gmail.com 📞 +1 (647) 861-8029 ✉ 52B Oxford Street, M5T 1N9 📍 Toronto, Canada

in linkedin.com/in/irwin-khuu/ ⚙ github.com/irwinkhuu

EDUCATION

Master of Science, Statistics
University of Toronto

📅 Sept 2018 – June 2019

- Cumulative GPA: 3.93/4.00

Bachelor of Science, Statistics (Honours Stream)
University of Calgary

📅 Sept 2014 – June 2018

- Minors in Pure Mathematics and Actuarial Science
- Cumulative GPA: 3.95/4.00
- Final year GPA: 4.00/4.00

EXPERIENCE

Teaching Assistant
University of Toronto

📅 Sept 2018 – June 2019   📍 Toronto, ON

- Courses:
  - STA304: Surveys, Sampling and Observational Data
  - STA248: Statistics for Computer Scientists
  - STA220: The Practice of Statistics

- Leading tutorials, including incorporation of supplementary material, and development of assignments.

Tutor
MathPro Learning Center

📅 Oct 2017 – June 2018   📍 Calgary, AB

- Personal instruction with students ranging from Grade 5 to first-year university courses.
- Creation of detailed progress reports and development of student action plans.
- Use of Asana to manage activities.

Corporate Research Analyst
AISEC Canada

📅 Sept – Dec 2016   📍 Calgary, AB

- Developed partnerships between AIESEC's Global Internship Program and external companies through cold calling, emails, and booking meetings.
- Attended business meetings with potential partners.
- Developed and maintained an activity tracker to help the organization of team efforts.

STRENGTHS

R   MS Office   Statistical Modeling

Data Analysis   Monte Carlo Simulation

Experimental Design   Spatial Models

PROJECTS

Distinguishing Luck from Skill through Statistical Simulation: A Case Study

📅 Sep 2018 – Apr 2019

- In collaboration with Zhaoyu Guo, Kevin Zhu, Jeffrey S. Rosenthal and Frederic P. Schoenberg.
- Currently in submission for publication.
- Implementation of Monte Carlo simulation of Texas Hold'em poker hands on predefined strategies to test definitions of luck and skill.

HONORS & AWARDS

- Faculty of Science Dean's List (2015-2018)
- University of Calgary Undergraduate Merit Awards (2015-2017)
- Jason Lang Scolarship (2015-2017)
- 25th Anniversary Scholarships in Mathematics and Statistics
- K.S. Wani Memorial Scholarship (2015)
- Alexander Rutherford Scholarship (2014)
- Presidents Admissions Scholarship (2014)

ACHIEVEMENTS

Society of Actuaries Exam Probability (P)

📅 May 2016

- Achieved the maximum score of 10.
- Exam pass percentage: 44.4%.