

Sneha Dasgupta

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Summary

Strong understanding of Mathematical and Statistical tools
Advanced technical skills in Python, R, MATLAB and Microsoft Excel
Interpersonal and leadership skills in diverse professional environments and through community engagement
Marketing and Communication skills in the Blogosphere and Event Management Arena

Education

Honors Bachelor of Science with Distinction (June 2019)
University of Toronto, St. George Campus
Mathematics Major + Statistics Major - **Year 4 GPA: 3.93 / 4.00**
Award(s): The Regents In-Course Scholarship (Merit-Based)
The Dr. Raymond Moriyama Scholarship (Merit-Based)

Certification

R Programming by Johns Hopkins University on Coursera earned on May 30, 2017
Grade Achieved: 94%
Intensive Elementary French Language Course from Institut de Touraine, France
Grade: 18.6/20 (93%)

Work Experience

[Part-Time] Lab Programmer, **Department of Psychology, University of Toronto**; Toronto, Canada—September 2018 – February 2019

- Edited NiPype and fmriPrep scripts to assist PhD students in their Research
- Developed R scripts to facilitate Analysis of Research Data

[Part-Time] Product Development Consultant, **Numerix**; Vancouver, Canada; Singapore, Singapore & Mumbai, India—May 2018 – December 2018

Numerix develops software for Risk Analysis of Financial Derivatives

- Programmed Utility Modules with Data Analytic functionalities to extend Numerix OneView's web-based platform to Python
- Test Micro-services and Validate Data on OneView's web-based platform to ensure smooth operation for the Client's usage

Peer Mentor, **Department of Statistical Sciences, University of Toronto**; Toronto, Canada—January 2018 – April 2018

- Mentored a group of First-Year Students through private activities and group sessions to foster their interest in a Statistics Degree

Intern, **Hive Up**; Singapore, Singapore – July - August 2017

Hive Up is a Financial Technology Start-Up

- Conducted marketing campaigns to sell Hive Up's product
- Created content using Web Applications to improve HiveUp's Investor Pitch

Intern, **Seraphic Management and Advisory Pvt. Ltd.**; Mumbai, India – May - June 2016

Seraphic is an Equity Portfolio Management business

- Developed an Excel Database that sized the investment opportunity in the Infrastructure sector in India to expand Seraphic's Public Investment Portfolio

Intern, **Ernst & Young Global Ltd.**; Mumbai, India – May - June 2014

- Developed an Excel Database on Indian start-ups nominated for the InTech50 2014 Awards to identify potential High-Return investments

Community Engagement

Mentor, **Victoria International Students Association**; September 2017 – March 2018

- Mentored a First-Year International Student through academic sessions to assist their transition into University Life

Project Leader, **Centre for Community Partnerships at the University of Toronto**;

September 2017 – March 2018

- Led a Community Project to help underprivileged high-school students in the York South-Weston Region of Toronto

Blog Editor, **Innovation Hub at the University of Toronto**;

November 2017 – April 2018

Innovation Hub is a Research Hub that aims to improve Student Life at the University.

- Developed promotional content for the website to promote awareness and improve feedback

Staff Member, **The Varsity at The University of Toronto**

September 2015 – December 2015

- Undertook photo essays for the newspaper's online platform and Annual Magazines