

NITHUSHA SIVAKUMAR

42 BELLROCK DRIVE

SCARBOROUGH, ON, M1V 2V9

647-542-4438 | NITHUSHA0806@HOTMAIL.CA

EDUCATION

Honours Mathematics & Statistics – Mathematics Subplan Co-op (B.Sc.) 2016 – Present
McMaster University, Hamilton, ON Class of 2021

- On the Dean's honours list with a GPA of 3.9/4.0
- Specializing in pure mathematics, with a minor in computer science
- Course of instruction in topology, differential equations, advanced calculus, programming
- NSERC Undergraduate Student Research Award

SUMMARY OF SKILLS

- Well-developed communication skills through experience with customers & colleagues
- Strong organization and administrative capabilities
- Proficient languages: Python, Sage
- Familiar languages: JavaScript, Bash, MATLAB, HTML, VBA
- Strong technical skills working with R Studio and Latex
- Familiar frameworks/tools include Git, jQuery
- Working knowledge of Excel and Tableau

WORK EXPERIENCE

McMaster University

Undergraduate Teaching Assistant September 2019 – Present

- Invigilated exams with other teaching assistants and professors
- Guided students of different mathematical backgrounds with homework, exam prep and understanding concepts
- Primarily provided assistance with Calculus I and II, as well as linear algebra, real analysis, differential equations, math reasoning and coding skills
- Co-operated and communicated with other teaching assistants during peak times to ensure all students received the help they required

Undergraduate Research Assistant May 2019 – August 2019

- Collaborated with supervisor to work on an optimization problem in the field of Analysis (Turan's problem)
- Attended weekly meetings to track progress of project and discuss future goals
- Analytical and numerical results using SAGE work to give insights to a solution
- Experimented and explored ways to improve code to work more efficiently
- Presented progress of project and current research to other colleagues

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Ontario Teacher's Pension Plan

Systems Analyst Intern

January 2019 – April 2019

- Co-operated and communicated with team consisting of other interns, full-time analysts & supervisors
- Ensured technology was working smoothly in all meeting rooms and logged all biweekly checks
- Assisted full-time staff with service ticket by taking on some of their workload
- Created monthly reports on performance metrics and used Tableau to compile the data analytics of the team's performance and meeting room technology
- Created Macros to help simplify, sort and automate process to reduce overloaded manual work
- Updated previous documentation on the creation of monthly reports and slideshows
- Collaborated with other analysts, project managers and interns with EPIC Program

City of Toronto

Summer Camp Leader/Counsellor

Summer 2014 – Summer 2018

- Helped implement and execute a program plan designed by supervisors
- Resolved conflicts that arose between campers, volunteers or colleagues
- Supervised and co-operated with other camp counsellors, camp coordinators, location employees and city staff to ensure the safety of over 50 children
- Communicated with children, children's parents, supervisors, co-workers daily
- Demonstrated administrative and organization skills through management of regulatory procedures

VOLUNTEER EXPERIENCE

McMaster Math & Stats Society

May 2018 – Present

Vice President of Academics

- Planned academic events for undergraduate Math & Stats students for the upcoming year
- Communicated with other members of the society to work on budgeting and planning of events
- Adapted and improved upon ideas from prior years
- Oversaw the implementation of biweekly seminars for Undergraduate Department

REFERENCES AVAILABLE UPON REQUEST