Rajat Malhotra

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EDUCATION

UNIVERSITY OF WATERLOO
Bachelor of Computer Science (3rd Year)
Expected Graduation May 2021 | Waterloo, ON, CA

COURSEWORK
Information Retrieval
Algorithms
User Interface and Design
Object Oriented Programming
Functional Programming
Imperative Programming
Unix Tools and Scripting

SKILLS

PROGRAMMING
- Java
- C
- C++
- CSS3
- Bash Shell
- TypeScript
- Python
- HTML5
- Node.js
- Assembly
- LaTeX
- R

LIBRARY
- Numpy
- SciPy
- scikit-learn
- Angular
- pandas
- MySQL

OTHER SKILLS
Expertise knowledge of:
- GITLAB
- GITHUB
- Azure
- Excel
- Access
- Business Finance
- Business Requirement Document(BRD)
- Swimming
- Public Speaking

EXPERIENCE

TORONTO DOMINION (TD) BANK | Software Developer
January 2019 - April 2019 | Toronto, ON, CA
- Engineered the branch locator web app using TypeScript, Angular and Progressive web application technology.
- Wrote an Express server to implement push notification feature.
- Published the work on Confluence as a knowledge base document, for help in future implementation to other web-based applications.

TORONTO TANSIT COMMISSION (TTC) | Service Desk Analyst
May 2017 – December 2017 | Toronto, ON, CA

- Provided training for the new hires(contractors and interns), the first and second level technical support to all employees equipped with any kind of IT asset at TTC.
- Supported SAP, Sharepoint, mainframe related issues throughout the commission.
- Designed and planned a tour and session on bringing your kids to work day for 25+ students regarding the evolution of computer science in the last decade.

LEADERSHIP EXPERIENCE

MATHEMATICS SOCIETY | President (Fall 2019)
- Drove cross-functional efforts between VP-Finance, VP-Operations, VP-Internal and VP-Academics, 25+ directors, and 50+ other volunteers for the smooth and efficient functioning of society.
- Represented student voice during regular meetings at Admission and Recruitment committee with Associate Dean and other members of the faculty to increase enrolment rates, and to improve gender diversity in computer science and other math programs.
- Co-wrote a Memorandum Of Understanding with the executive director of Math Endowment Fund and provided bi-weekly executive report to the society's Student Council and the Board of Directors.
- Organized successful Council and VPA-by elections and helped in the smooth transition for the office of the President.

COMPUTER SCIENCE CLUB (CSC) | Vice President (Spring 2019)
- Organized 10 social and academic events during the term.
- Drove cross-functional efforts between marketing, finance and sponsorship teams to increase the engagement and attendees for the events by more than 60% as compared to previous terms.

MATHEMATICS SOCIETY STUDENT COUNCIL | Computer Science Representative (Spring 2019)
- Organized and won a successful campaign for computer science constituency. Voted and co-wrote the budget spring 2019 and 4+ policies affecting office code of conduct and day to day operations of the society.
- Held bi-weekly office hours during the term to address the problems and concerns of various members of the constituency.