

Rajat Malhotra

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Skills

Languages C++, Java, Python, CSS3, Bash, MIPS, R, TypeScript, HTML5, Node.js, Assembly, LaTeX
Library Numpy, SciPy, scikit-learn, Angular, pandas, MySQL
Other Skills GITLAB, GITHUB, Azure, Excel, Access, Business Finance, Business Requirement Document(BRD), Swimming, Public Speaking

Education

University of Waterloo

Waterloo, Ontario

BCS HONORS COMPUTER SCIENCE

May 2021 (expected)

Relevant Courses: Information Retrieval, Algorithms, Data Structures, User Interface and Design, OOP, Imperative Programming, Unix Tools and Scripting

Leadership

Mathematics Society

Canada

PRESIDENT, BOARD OF DIRECTORS

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.

Experience

Toronto Dominion (TD) Bank

Toronto, ON, CA

SOFTWARE DEVELOPER

January 2019 - April 2019

- 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 Transit Commission (TTC)

Toronto, ON, CA

SERVICE DESK ANALYST

May 2017 - December 2017

- 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.

Projects

Command-line Utility • JAVA •

Developed a *Renaming Utility* to rename files through command line.

Where to Live • PHP •

"Where To Live" is an on-line portal to provide a facility to the tenant to sublet the property to the subtenant and provides a platform for landlords to lease their property and effectively communicate with the genuine seekers.

Notable Honors

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| 2019 | Finalist UW Microsoft ProdCon 2019 , It honoured to be part of the one of the top 7 teams among 50 other competing teams at the ProdCon 2019. | Waterloo, ON |
| 2016 | President's Scholarship , 2000\$ for excellent performance in high school.
Mayo International Full Ride Scholarship , A two year full ride scholarship awarded every | Waterloo, ON |
| 2013 | year to three students on basis of <u>2 written exams</u> , <u>2 in-person interviews</u> and <u>outstanding</u> middle school grades. | New Delhi, India |