

Haseeb Siddiqui

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EDUCATION

McMaster University

Bachelor of Electrical Engineering (B.Eng.)

- Summa Cum Laude

Graduated Apr, 2021

Hamilton, ON

COURSES & CERTIFICATIONS

MIT IDSS

Data Science and Machine Learning: Making Data Driven Decisions

- Regression, Deep Learning, Networks & Graphical Models, Predictive Modelling

Feb 2022 – May 2022

Online

WORK EXPERIENCE

Bell Canada

Data Scientist, Graduate Leadership Program

May 2021 – Present

Mississauga, ON

- Part of an R&D team, using data science and machine learning to increase accuracy of macrocell coverage **prediction models**.
- Developing a machine learning model which supplements signal strength calculations with geographical, weather, and sensor data, to predict installation successes. **(Alteryx & Python)**
- Conducting exploratory data analysis to identify improvements to reduce our installation failure rate.
- Reduced failure rate from 15% to 10% to date, corresponding to over **\$250k saved** annually.

Toronto Hydro

Electrical Engineering Intern

Sep 2018 – Aug 2019

Toronto, ON

- Built a data pipeline with **Alteryx** to serve a **Tableau** dashboard displaying the health of the power grid in real time. The dashboard allowed engineers to identify areas of failure in a few minutes instead of hours.

WITS Consulting

Software Development Intern

May 2017 – Oct. 2017 & May 2018 – Aug 2018

Milton, ON

- Designed and developed automation tools using **ASP.NET (C# and React)**

PROJECTS

simpleSprint (MERN Stack Scrum Board) [\[simplesprint.haseebsiddiqui.ca\]](https://simplesprint.haseebsiddiqui.ca/)

Jan 2022

- Simplified scrum meeting board built using MERN Stack (**MongoDB, Express.js, React, node.js**).

McMaster Autoplow

Founder & Team Captain

Jan 2020 – Apr 2021

Hamilton, ON

- Founded and led a team to create an **autonomous** snowplowing rover which can clear sidewalks of snow.

SafeSend (Capstone Project)

Sep 2020 – Apr 2021

- Ideated, designed, and built a **smart delivery door** which is unlocked by couriers using package barcodes. **(Arduino, ESP8266, Firebase)**

SKILLS & INTERESTS

Programming: JavaScript: React, Redux, node.js, express; Python; Java; mongoDB; RESTful APIs; ASP.NET, C#; SQL; C;

Data Science/Machine Learning: pandas, seaborn, scikit-learn, SciPy

Software/Tools: Alteryx Designer; Tableau; Excel; Mentum Planet;

Interests: Writing; Comedy; Mystery Novels; Cooking; Snowboarding, Tennis, Football; Robotics; Smart Devices;