

KUSHAGRA THAKUR

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EDUCATION

YORK UNIVERSITY – TORONTO, ON

Sep 2019–Current

Lassonde School of Engineering, BSc Hon. Computer Science.

Relevant Courses: Data Structures and Algorithms, Database Systems, Statistics and Probability, Computer Architecture & Theory of Computation.

SKILLS

Technical: Python, Java, Flask, HTML/CSS, JavaScript & SQL.

External Certifications: Python Essential Training, JavaScript Essentials, Artificial Intelligence Foundations: Machine Learning.

Interests: Back-end, Computer Security, Data analysis, ML & Automation.

PROJECTS

DIGITAL- U (HACKATHON TEAM PROJECT) [Python]

- Coordinated with 4-member team for Hack the Valley 5. Automated WhatsApp messaging bot which browses through your message logs to try and replicate user speech. Powered by **Tensorflow** and **Puppeteer**. Works on exported messages from user account as the training set. **OCR** API used for connecting to WhatsApp Web.

ONLINE PORTFOLIO AND BLOG [Jekyll] (<https://www.eecs.yorku.ca/~kushagra/>)

- A **Jekyll** based portfolio. Connected with **FormSpree** API for messages. **SSL** secured and hosted online.
- Features a WIP but accessible blog about upcoming milestones. Written in **HTML** and styled with **CSS**.

SALESFORCE CONFERENCE APP [Salesforce, Apex]

- App first created in **Node.js**, later ported to **Salesforce** platform by using **Apex** and **Salesforce Lightning**.
- Parses data from JSON and .CSV formats to be stored in Salesforce Custom Objects.

DISCORD “CAT” BOT [Python]

- Social media bot which includes image search options with custom arguments accepted in the search query. Uses **NEKO** Search API for handling images.
- Includes basic moderation features for group chats as well as limiters for public usage.

HTV5 HASHCODE CRACKER [Python]

- Initiated team effort for the “Find the Hash” competition in HTV5. Crafted to solve the given task and check the result online using **Selenium** while logging answers to a text file. Created using Python.

EXPERIENCE & ACTIVITIES

LASSONDE STUDENT GOVERNMENT, YORK UNIVERSITY

VP- Academic Affairs

Jan 2020 – Current

- Managing academic strategic planning for Lassonde students with coordination of the Faculty Council, hiring and **appointing** 15 student reps, and establishing channels with the students for feedback.
- Assigned and recruited volunteers for on-campus Hackathons including **YorkU Hacks** and HultPrize. Held **10 interviews** for candidates in a transparent process. Stored detailed records in form of **Microsoft Excel** sheets.

YORK INTERNATIONAL – YORK UNIVERSITY

Workshop and Coffee Breaks leader.

Dec 2019 – Mar 2020

- Helped in setting up furniture and clearing doubts as well as hosting people for 2 large-scale and 4 small scale events. Positively influenced new international students, making them feel more welcome in Canada.
- Increased Instagram presence by **40%** by ending all events with a “group selfie” to help retain good memories.

ELLEHACKS- TORONTO

Public Relations Volunteer

Oct 2019– Feb 2020

- Led volunteers to maintain order during the YorkU on-campus event, managing food supplies and distributing over **100 kits** on demand. Addressed on-site issues and guided sponsors with sponsorship packages.
- Gave EventBrite access to other volunteers to facilitate faster check-in of over **100** participants.