

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, App Development, Web Development, Database Systems, Statistics and Probability, Discrete Mathematics, Calculus, 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.

EXPERIENCE

WEB INTERN

Rocscience, Toronto

May 2021 – Current

- Web implementation of tutorials of programs: RS2, RS3, RocTopple.
- Reducing storage redundancy by relinking 100+ files.
- Managed version control of 7 key projects.
- Executed migration of website content from Adobe Robohelp to Craft CMS.

VP- ACADEMIC AFFAIRS

Lassonde Student Government, York University

Jan 2020 – May 2021

- Spokesperson for the Week Zero event. **Presented** 2 times to 1st year students to help guide them.
- 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.

PROJECTS

Digital- U (HACKATHON TEAM PROJECT) [React]

- 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. Front end created with **React**.

ONLINE PORTFOLIO AND BLOG: [Jekyll] [Portfolio Link]

- A **Jekyll** based portfolio. Connected with **FormSpree** API for messages. **SSL** secured and hosted on **Github**.
- 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.
- Front end designed using **Salesforce Visualforce**.

DISCORD “CAT” BOT [Python]

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

FACEBOOK MESSENGER BOT [Flask]

- Prototype messenger bot built to hold small conversations aimed towards possible business usage. Sends automated custom messages on a preset Facebook page. Designed to give rise to ideas from teammates for upcoming hackathons. Led to creation of **Digital-U**. Programmed using **FLASK**.