

Sannat Bhasin

COMPUTER SCIENCE & MATH · UNIVERSITY OF TORONTO

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Education

University of Toronto (St. George)

Honours Bachelor of Science in Computer Science

Toronto, ON

2019 - 2023 (Expected)

- **Programs:** Computer Science (specialist), Mathematics (minor), Statistics (minor)
- **CGPA:** 4.0

Skills

Languages: Python, JAVA, LaTeX

Frameworks and Libraries: Selenium, Tkinter, Scikit-Learn, Jupyter

Tools: Git & Github, Android Studio

Experience

Machine Learning Intern

ZENWORKS SOLUTIONS

- Worked on enhancing the “myelin” platform for smart education
- Developed a **Machine Learning** model to predict a student’s academic inclination
- Streamlined data input, output and visualization using **Jupyter** notebooks and **Python** libraries such as **pandas**, **sklearn**, and **matplotlib**

Programmer & Growth Manager

PIONEER HONEY (A LOCAL BRAND)

- Made a social media bot (adapted from my WebBot project using **Selenium**) to manage custom social media tasks, including data acquisition and customer relations.
- Increased workflow efficiency using Python libraries such as **openpyxl**, **pandas** and **PyPDF2** to automate data handling, invoice management, excel file creation, PDF reports, and other menial tasks.
- Made a **GUI** using **tkinter** that lets the client interact with the data and get customer analytics.
- Currently working on an **Android App** and a centralized database for convenient data upload and interaction.

Projects

WebBot

2019 - present

- Made a WebBot using **Python** and **Selenium** that can be tweaked and applied for **automating** various web based tasks.
- The bot was adapted to work for Pioneer Honey’s social media tasks (their main source of orders).

EasyBackup

2020 - present

- Made a custom backup utility to get the level of control I desired.
- Used Python’s **os** module and my knowledge of navigating the **Tree ADT** (since the file structure on a PC is very similar to that).
- Using **multithreading** to increase efficiency and working on a **GUI** to allow those who do not know how to program to use it.

Extracurricular Experience

2020 **Orientation Leader**, Computer Science Student Union

2019-2020 **RSG Leader**, Recognized Study Group for MAT137

2019-2020 **Private Tutor**, Programming for beginners (with customized syllabus specific to interests)

2019-2020 **General Member**, Engineers Without Borders: UofT chapter

2018-2019 **Teaching Intern**, CourseLeap: Math Olympiad training assistance and course development