

Anay C. Shah

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Education

Toronto Metropolitan University

Toronto, Canada

Honors BSc in Computer Science

Sept.2018 - Exp. Apr.2026

- **Concentrations:** Software Engineering & Data Science
- **Relevant Coursework:** Data Structures & Algorithms, Artificial Intelligence, Database Systems, Computer Security, Comparative Programming Languages, Operating Systems

Skills

Programming Java, Python, C++, C, HTML/CSS, MySQL, Flask, React, Elixir, Rust

Technologies Visual Studio Code, IntelliJ, PyCharm, Emacs, Eclipse, Jupyter Notebooks, Git

Work Experience

CITI Freight Logistics

New Jersey, US

Software Engineer Intern

Summer 2024

- Developed an automated system to replace manual shipment data entry processes, utilizing a Python-based OCR engine to improve data accuracy and operational efficiency.
- Redesigned the company's CRM portal, enhancing user experience by visualizing and breaking down key performance metrics for all clients, enabling more informed decision-making.
- Created a Python application to automate the extraction and organization of key client business card information into spreadsheets, streamlining data management and reducing manual entry.

Orient Technologies Ltd

Toronto, Canada

Data Analyst Intern

Summer 2023

- Collaborated alongside the data visualization team to create interactive dashboards and reports using Power BI, enabling clientele to gain actionable insights from the analyzed data.
- Conducted data validation and quality checks for company clientele by using SQL scripts with an offshore team in Mumbai.
- Utilized Python libraries such as pandas, NumPy, and matplotlib for data manipulation, analysis, and visualization.

Kumon

Brampton, Canada

Math & English Tutor

Summer 2023 - Winter 2024

- Teach and support students in developing strong math and reading skills through the Kumon learning method.
- Regularly assess students' work, track their progress, and adjust instruction to meet their needs.
- Maintain records of student attendance, performance, and curriculum progress.
- Create open and effective communication channels with parents, providing updates on the students progress and addressing any concerns.

Projects

Analyzing University Student Opinions on ChatGPT and Artificial Intelligence

Toronto, Canada

Tech Stack: Python(NumPy, Pandas, Scikit, Matplotlib), Google API, Google Spreadsheets

April 2024

- Surveyed a data set of 100+ university level students via google forms
- Cleaned and preprocessed dataset using Pandas, and visualized insights through Matplotlib for data analysis
- Processed and transformed text data using scikit-learn's CountVectorizer and TfidfVectorizer to enable sentiment analysis and topic modeling

AudioVerse - Digital Music & Audio Book Application

Toronto, Canada

Tech Stack: Java, Object Oriented Programming, Data Structures

February 2023

- Utilized Java to create a digital music player application similar to Spotify or Apple Music.
- Incorporated my knowledge of classes, data structures (stacks & queues), exception handling and file reading/writing

Awards & Certifications

2023 **Machine Learning with Python**, LinkedIn Certificate

Canada

2022 **\$2000 Entrance Scholarship for 95% High School average**, Toronto Metropolitan University

Canada

References available upon request. Can legally work in both USA and Canada.