Disha Padia

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VOLUNTEER EXPERIENCE

Big Brothers Big Sisters of Halton   Milton, ON
Mentor/Tutor   *September 2018 - June 2022*
- Assisted students of grades 1 to 8 with their homework, assignments, etc.
- Dedicated an hour per student, a week, as well as being on-call, for 1-to-1 sessions to ensure a performance increase in grades
- Supported and motivated students to build strong foundations and overcome learning barriers
- Proactively monitor strengths/weaknesses to create personalized learning curriculum for each student

EDUCATION & TRAINING

Ontario Tech University   Oshawa, ON
Honors. Bachelors of Science and Co-op (H.BSc)-   *September 2022 - April 2026*
Comprehensive - Computer Science with Data Science
Specialization
- **Dean's List:** Fall 2022, Winter 2023, Winter 2024
- **Relevant Courses:** Programming Workshop I and II , Data Structures and Algorithms , Scientific Data Analysis , Computational Science, Software Design Analysis, Software Systems Development and Integration

EXTRACURRICULARS

OTU Computer Science Club - *General Member*   Oshawa, ON
OTU Google Developer Student Club - *General Member*
OTU Hackstation Club - *General Member*
OTU Cloud Computing Association - *General Member*

PROJECTS

Spam Detector
- Effectively addresses spam emails by utilizing the Naïve Bayes Algorithm.
- Precision and accuracy are guaranteed through the examination of word frequencies and a large dataset.
- User experience is enhanced with an intuitive and user-friendly interface

Global Education Trends in-depth Analysis
- Using Kaggle's World Education data to explore the trends that shape society and give a stance about world education
- Implemented the data science process
- Utilized Pandas, Numpy, Matplotlib and Seaborn for data manipulation and visualization

Chat Server
- Allows real-time communication across multiple chat rooms
- Functionality includes joining, and creating chat rooms, along with sending messages with timestamps, chat room greetings, efficient message sending, user notifications.

TECHNICAL SKILLS

Languages/Frameworks: Java, Python, C++, C#, HTML, CSS, JavaScript, FastAPI, ReactJS, Unity
Tools/Platforms: Git, Jupyter Notebook, MySQL, Linux, Windows, MacOS, Markdown

CERTIFICATIONS

Responsive Web Design (*Free Code Camp*)
Foundational C# with Microsoft (*Free Code Camp*)