Daniyah Arshad

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EDUCATION

The University of Texas at Dallas, Richardson, TX
B.S. in Computer Science
- ❖ GPA: 3.9
- ❖ Anticipated Graduation: May 2024

TECHNICAL SKILLS

Programming Languages: Python
Operating Systems: Windows 8, Windows 10
Applications: Pycharm, Jupyter, Wordnet, NLTK
Use cases: Natural language processing, Web crawling, Sentiment analysis, Word classification, Text classification and statistical analysis, Understanding formal research papers

SOFT SKILLS

Personal: Organization, scheduling, time management, analytical thinking
Collaborative: Communication, coordinating with others, able to fulfill personal objectives within a team

ACADEMIC PROJECTS

Chatbot Project, Human Language Technologies
Designed a chatbot that can hold a limited conversation about color theory, and is able to retain user information throughout the discussion. The chatbot uses various NLP techniques to parse through the user's response and give an adequate response of its own in turn.
Technologies (Skill Sets): Python, Pycharm, Wordnet, NLTK

Webcrawler Assignment, Human Language Technologies
Designed a webcrawler that starts at the Wikipedia page for Spiderman: Into the Spiderverse, and then crawls through and parses the web for relevant webpages, and then scrapes and processes the text off of them.
Technologies (Skill Sets): Python, Pycharm, Wordnet, NLTK

ACL Paper Assignment, Human Language Technologies
Analyzed a formal research paper provided through the results of ACL conferences, and parsed through and wrote a summary paper going over the details of what was discussed in the paper, using knowledge of Python and NLTK as context.
Technologies (Skill Sets): Python, NLTK