Maliha Haider

maliha.haider18@gmail.com
(973)-855-1364
Harrison, NJ

OBJECTIVE

Strategic thinker and research experienced undergraduate student obtaining a Computer Science degree to acquire a Software Developer position.

EDUCATION

KEAN UNIVERSITY, Union, NJ

SEPTEMBER 2020 - MAY 2024

Major: B.S. Computer Science, **GPA:** 4.0

PROFESSIONAL EXPERIENCE

Research Projects

STUDENT RESEARCHER, Star Rating and Text Reviews, Kean University

MAY 2022 - PRESENT

Visualized the similarities, differences, and trends of sentiment analysis tools to assist future researchers in deciding which model fits their project best, allowing for better results.

STUDENT RESEARCHER, Emotion Detection Using Sentiment Analysis on Twitter Data, Kean University

MAY 2021 - MAY 2022

Detected emotions of Twitter tweets during different timelines of the pandemic using Python programs to increase mental health awareness.

STUDENT RESEARCHER, Paralympics, Kean University

SEPTEMBER 2021 - FEBRUARY 2022

Created Python programs to build word clouds and perform topic modeling on Paralympics-related Twitter tweets for 30 days prior, during, and 30 days after the Paralympics.

Research Presentations/Publication

[1] **M. Haider** and D. Kwak, "Analyzing Yelp's Star Rating and Text Reviews," In *14th Annual GS-LSAMP STEM Research Conference*, Newark, NJ, November 18, 2022.

[2] **M. Haider** and D. Kwak, "Comparison of Yelp's Star Rating and Text Reviews," In *34th Annual GMiS Conference*, Pasadena, CA, October 5-8, 2022.

[3] **M. Haider** and D. Kwak, "Emotion Analysis on COVID-related Twitter Tweets," In *International Conference on Data Analytics and Computing (ICDAC)* 2022, Virtual, May 28-29, 2022. *–under review*

[4] **M. Haider** and D. Kwak, "Emotion Detection on COVID-Related Twitter Tweets," In *Kean Research Days* 2022, Union, NJ, April 25-27, 2022.

[5] **M. Haider** and D. Kwak, "Emotion Detection on Twitter Data During COVID-19," In *National Conference on Undergraduate Research (NCUR)* 2022, Virtual, April 4-8, 2022.

[6] **M. Haider** and D. Kwak, "Emotion Detection on COVID-Related Twitter Tweets," In *13th Annual GS-LSAMP STEM Research Conference*, Virtual, February 19-25, 2022.

[7] **M. Haider** and D. Kwak, "Emotion Detection Using Sentiment Analysis on Twitter Data," In *33rd Annual GMiS Conference*, Virtual, October 11-22, 2021.

HONORS

Student Partnering with Faculty (SpF) Stipend

AUGUST 2022 - PRESENT

CAHSI REU

MAY 2022 - PRESENT

Louis Stokes Alliance for Minority Participation (LSAMP) Research Stipend

AUGUST 2021 - PRESENT

Dean's List

SEPTEMBER 2020 - PRESENT

Summer Research Fellowship Program (SRFP) Research Stipend

DECEMBER 2021

GMiS Conference Undergraduate – Computing: Honorable Mentions

OCTOBER 2021

GMiS Conference Scholarship

SEPTEMBER 2021

Freshman Research Initiative (FRI)

MAY 2021 - SEPTEMBER 2021

ACTIVITIES

VICE PRESIDENT, Muslim Student Association (MSA)

MAY 2021 - MAY 2022

SKILLS

Languages: Python, Java, HTML, PHP

Technical Skills: Visual Studio Code, Google Colab, Sublime, Jupyter Notebook, Eclipse, Pycharm, Android, Windows, Microsoft Office

VOLUNTEER WORK

VOLUNTEER, Helping Hand For Relief & Development, Monmouth Junction, NJ

SEPTEMBER 2020 - PRESENT

Teamed with other volunteers to provide emergency support for impoverished people globally.