Eric Landaverde

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OBJECTIVE: Results driven and an organized Computer Science student with aptitude for information systems analysis and computer programming, seeking for a part-time or an internship position as a junior programmer or data analyst to gain practical experience and to utilize this potential. A keen interest in Data Science and currently pursuing research at Kean University.

EDUCATION

Kean University   Union, NJ
Bachelor of Science (B.S.) Computer Science, Data Science Option   May 2023
Cumulative GPA: 3.25

SKILLS

- Experience in Hypertext Markup Language (HTML), Java, Python, JavaScript, SQL, Microsoft Office Products, Google Cloud products, Linux/Unix, Windows 10, and Mac platforms

EXPERIENCE

IT Desktop Technician   Kean University, February 2021-September 2022
- Ensured continuous operation of campus services by providing timely user support, resolving service requests, troubleshooting hardware and software issues, and managing IT inventory.

Untapped Potential, Google Software Product Sprint   Google, June 2021-August 2021
- Collaborated with team of peers to design and implement a web application using Java, JavaScript, HTML, and CSS over the course of 10 weeks, leveraging various Google Cloud APIs, including App Engine and Datastore

Cyber Analyst Apprenticeship   TAG Cyber, October 2020- October 2021
- Contributed and led information briefings based around OSINT research to improve client security posture and provided training around a variety of cybersecurity topics to peers.

RESEARCH EXPERIENCE

Learning under Lockdown: The Challenge of Effective Computer Science Instruction in Higher Education
Topic: Effective online Computer Science instruction during a pandemic

Visualizing 2020 Protests in the U.S.
Topic: Analyzing 2020 protest effects using datasets to visualize change in sentiment

Using Remote Access to Inject Malware: Analyzing Vulnerabilities in Cloud
Topic: Exploiting vulnerabilities in remote access services to inject malware into cloud platforms

Understanding the Public Sentiment on Face Mask during COVID-19
Topic: Analyzing mask usage sentiment and state political affiliation through twitter data

Visualization of Sentiment for Covid-19 Mask Usage
Topic: Analyzing mask usage sentiment using twitter data

Visualizing 2020 Protests in the U.S
Topic: Analyzing Black Lives Matter protest data based on reported events and tweets from high frequency protest locations

Visualizing the Sentiment on Face Mask for Covid-19
Topic: Analyzing mask usage sentiment and state political affiliation using twitter data

Understanding the use of Face Mask During Covid-19
Topic: Analyzing trends of sentiment towards face masks across the US

Public Sentiment and Topic Modeling on Face Mask During Covid-19
Topic: Analyzing mask usage sentiment and topics in US based tweets by state

Human Detection and Tracking for Social Distancing Enforcement
Topic: Real-time tracking and human detection for risk assessment of covid-19 transmission

An analysis of Public Sentiment Around Face Mask During Covid-19
Topic: Analyzing the global discussion towards face mask usage using topic modeling and sentiment analysis

AWARDS & LEADERSHIP

Undergraduate Researcher of the Year
- The Undergraduate Researcher of the Year Award recognizes exceptional achievement in undergraduate research at Kean University.

NCUR Poster Competition Winner
- The NCUR poster competition winner recognizes outstanding research presentation and communication skills among undergraduate students at a national level in the math and computer science division among 140 presentations.

New Student Orientation Leader
- Led orientation activities and information sessions for incoming Kean University freshmen.

Research Recruits Program
- Collaborated with faculty and peers over two semesters to conduct research on climate prediction through analysis of ITCZ cloud structures.

McNair Scholars Program
- Participated in a six-week research program as a sophomore and junior to prepare for graduate school and conduct research on covid-19 mask usage sentiments in the US and globally through sentiment and topic modeling analysis.

LEAP Scholarship Program
- Cooperated in work-study-based scholarship program that involves partnership with the department of computer science and technology to develop content for the suitable to help guide and promote active career development within computer science and information technology majors.

Louis Stokes Alliance for Minority Participation (LSAMP)
- Took part in research activities that were supported across the fall, spring, and summer semesters for students interested in STEM, with the goal of increasing the number of professionals from minority backgrounds.

Freshman Research Initiative Program
- Engaged in a six-week research program as a freshman with a Kean faculty mentor to explore the relationship between covid-19 mask usage sentiments and state political affiliation in the US.

PUBLICATION

[1] Serra, J., et al. "Validation of AI models for ITCZ Detection from Climate Data." 2022 5th International Conference on Data Science and Information Technology (DSIT). IEEE, 2022.
[2] D. Ojeda, E. Landaverde, D. Kwak, "Sentiment Analysis and Topic Modeling on COVID-19 Vaccines using Twitter Data", 9th Annual Conference on Computational Science & Computational Intelligence (CSCI'22). IEEE, 2022
[3] E. Landaverde, D. Ojeda, D. Kwak, "An Analysis of Public Sentiment around Face Mask During COVID-19", 9th Annual Conference on Computational Science & Computational Intelligence (CSCI'22). IEEE, 2022

CONFERENCE

[1] E. Landaverde, J. Chu, and D. Kwak, "Understanding the Public Sentiment on Face Mask during COVID-19", In 32nd Annual GMiS Conference, Virtual, October 5-9, 2020.
[2] E. Landaverde, A. AlJarrah, "Learning under Lockdown: The Challenge of Effective Computer Science Instruction in Higher", In 32nd Annual GMiS Conference, Virtual, October 5-9, 2020.
[3] A. Ragothaman, E. Landaverde, A. Akunne, D. Kwak, J. Chu, "Visualizing 2020 Protests in the U.S.", National Conference on Undergraduate Research, April 12-14, 2021.
[4] E. Landaverde, S. Patel, J. Chu, and D. Kwak, "Visualization of Sentiment for Covid-19 Mask Usage,", National Conference on Undergraduate Research, April 12-14, 2021.
[5] A. Desir, E. Landaverde, A. Akunne, R. Smith,"Using Remote Access to Inject Malware: Analyzing Vulnerabilities in Cloud Platforms", National Conference on Undergraduate Research, April 12-14, 2021.
[6] A. Ragothaman, E. Landaverde, A. Akunne, D. Kwak, J. Chu, "Visualizing 2020 Protests in the U.S.", Kean Research Days, April 27-28, 2021.
[7] E. Landaverde*, S. Patel*, J. Chu, D. Kwak, "Visualizing the Sentiment on Face Mask for Covid-19", Kean Research Days, April 27-28, 2021.
[8] A. Desir, E. Landaverde, A. Akunne, R. Smith, "Using Remote Access to Inject Malware: Analyzing Vulnerabilities in Cloud Platforms", Kean Research Days, April 27-28, 2021.
[9] E. Landaverde, D. Kwak, "Understanding the use of Face Mask During Covid-19", In 33rd Annual GMiS Conference, Virtual, October 11-22, 2021.
[10] C. Ofodike*, S. Forte*, D. Ojeda*, E. Landaverde*, and D. Kwak, "Human Detection and Tracking for Social Distancing Enforcement", 33rd Annual GMiS Conference, Virtual, October 11-22, 2021.
[11] E. Landaverde, D. Kwak, "Public Sentiment and Topic Modeling on Face Mask During Covid-19", FIU McNair Research Conference, November 14-16, 2021
[12] E. Landaverde* and D. Kwak, "Sentiment Visualization and Topic Modeling on Face Mask Usage", National Conference on Undergraduate 2022, April 4-8, 2022.
[13] E. Landaverde and D. Kwak, "An analysis of Public Sentiment Around Face Mask During Covid-19", Kean Research Days, April 25-27, 2022.
[14] E. Landaverde and D. Kwak, "An analysis of Public Sentiment around Face Mask During Covid-19", 27th Annual University at Buffalo Undergraduate Research Conference, July 21-22 , 2022
[15] E. landaverde and D. Kwak, "An analysis of Public Sentiment around Face Mask During Covid-19", 34rd Annual GMiS Conference, October 5-8, 2022
[16] E.Landaverde and D.Kwak, "An analysis of Public Sentiment around Face Mask During Covid-19", 2023 University of Maryland McNair & Undergraduate Research Conference, March 16-19 , 2023