Omar Sharif
Personal Website

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PERSONAL STATEMENT

Want to devote myself to contribute to information technology with my knowledge and my skills by nurturing and doing research in the innovative and philanthropic area.

ACADEMIC BACKGROUND

Ph.D. in Computer Science (2022-)
Old Dominion University
Ph.D. in Computer Science (2020-2021)
Wayne State University
MS in Computer Science (2018-2020) (GPA – 3.60)
University of South Dakota
MS in Computer Science (2016-2017) (GPA – 3.79)
American International University-Bangladesh
BSc. in Computer Science and Engineering (2010-2015) (Major GPA – 3.30)

TECHNICAL SKILLS

Python (With knowledge of Numpy, Sci-kit-learn, Pandas, Matplotlib, OpenCV, Tensorflow and Keras)
JAVA
MySQL (Basic Knowledge)
C# (Entity Framework, .NET MVC5)
C programming (C, C++)
Weka (a Machine Learning Tool for data analysis and predictive modeling)
Protégé (An ontology editor for building semantic web)

PUBLICATIONS

Reeshad Khan and Omar Sharif. "A Literature Review on Emotion Recognition using Various Methods." Published on Global Journal of Computer Science and Technology, April, 2017

AWARDS AND HONORS

Graduate Research and Creative Scholarship Grant (Fall 2019)

POSTERS AND PRESENTATIONS

Understanding X-rays Using Key points
2020 Data Science Symposium
Poster session
And short presentation
Deep Learning on Satellite Imaging: progress and scopes
2019 Idea Fest
Presentation

RELEVANT COURSEWORK

Computer Vision, Data Warehousing and Data Mining, Machine Learning and Neural Networks, Deep Learning Information Retrieval,

REFERENCES

Available Upon Request

RESEARCH INTERESTS

Any area of Artificial Intelligent Systems and Data Science. Particularly in Machine learning, Deep Learning, Computer Vision, Natural Language Processing, Semantic Web, Bioinformatics, Big Data and Data Mining.

RESEARCH & WORK EXPERIENCE

Graduate Teaching and Research Assistant
Department of Computer Science
Old Dominion University
January 2022-

- Teaching Assistant of Introduction to Discrete Structure where works include preparing questions and helping with grading
- Research on Shape detection and Recognition of Colored Handwritten Digit.

Graduate Research Assistant/Teaching Assistant
Wayne State University
(September 2020-August 2021)

- **Project on Learning to Integrate Heterogeneous Data from Disparate Source for Disease Subtyping:** Worked on TCGA cancer datasets for cancer classification on nuclei features from histopathological images.
- Instructing CSC 2201 lab Course where students familiarize with implementing several data structures.

Graduate Assistant
University of South Dakota
(August 2018-December 2019)

- **Thesis on Feature Extraction and Matching to analyze lung symmetry for pulmonary abnormality detection**
- Working with Parallax Activity Bot 360(maze solving, parking)
- Working with E-Z Robot named JD. Performed several tasks like face detection, speech recognition, Cognitive Vision.

English Language Proficiency
TOEFL: Overall- 93 (Reading- 26, Listening- 23, Speaking- 23, Writing- 21)
Duolingo Test: 125 (Literacy 120, Comprehension 145, Conversation 110, Production 75)

Graduate Record Examination (GRE)
Score: 303
Verbal Reasoning – 150, Quantitative Reasoning – 153, Analytical Writing – 3.0

ACTIVITIES

Association of Computing Machinery (ACM), USD Chapter, 2018-2020, WSU Chapter 2020- 2021
President, Muslim Student Association (MSA), USD chapter, 2019-2020