- S. Neupane, J.

Graduate Teaching Assistant   Jan 2018 – Jan 2019
Mississippi State University   Starkville, Mississippi
- CSE 1284 Introduction to Computer Programming - Responsible for creating and giving lectures on introductory to intermediate programming concepts to undergraduates. Created exams, graded papers, and tutored students
- CSE 1284 Introduction to Computer Programming Lab - Taught programming concepts and problem solving skills through programming exercises
- CSE 1233 Computer Programming 'C' - Tutored and lectured students in introductory to intermediate programming skills in C

CONFERENCES AND PRESENTATIONS

Explainable Artifcial Intelligence in Cyber Security   2023
University of Texas at El Paso Invited Talk   El Paso, Texas

The Evolution of Self Organizing Maps   2023
Mississippi State University Soft Computing Lecture   Starkville, Mississippi

Creating an Explainable Intrusion Detection System Using Self Organizing Maps   2022
IEEE Symposium Series on Computational Intelligence   Singapore

A Performance-Oriented Comparison of Neural Network Approaches
for Anomaly-based Intrusion Detection   2021
IEEE Symposium Series on Computational Intelligence   Orlando, Florida

HONORS AND AWARDS

CyberForce 2019 Red Team   Fall 2019
Aided the CyberForce competition by participating as a Red Team member

CyberForce 2019 Scholarship   Fall 2019
Scholarship awarded for participating in the CyberForce Competition

Facebook 2019 Enigma Scholars Scholarship   Spring 2019
Sponsorship by Facebook to attend Enigma 2019 in Burlingame, California

CodePath Software Security Certifcation   Fall 2018
Completion of the CodePath Secure Software Engineering Course

Dean's List   Fall 2014, Fall 2015
Recognition for distinguished students at Mississippi State University

Study Abroad Scholarships   Spring 2015
Scholarships awarded for distinguished students studying abroad

Phi Theta Kappa Scholarship   Spring 2013
Scholarship awarded for receiving a high GPA at Holmes Community College

REFERENCES

Dr. Sudip Mittal   Assistant Professor
Mississippi State University   mittal@cse.msstate.edu

Dr. Stefano Iannucci   Assistant Professor
Università Roma Tre   stefano.iannucci@uniroma3.it

Dr. Shahram Rahimi   Professor and Department Head
Mississippi State University   rahimi@cse.msstate.edu

Dr. Ioana Banicescu   Professor
Mississippi State University   ioana@cse.msstate.edu

Dr. Maxwell Young   Associate Professor
Mississippi State University   myoung@cse.msstate.edu