**Individual Report**

**Member name:** [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu)

**Evaluated by:** [Avani Mundra](mailto:amudra@asu.edu)[Gautham Vijayaraj](mailto:gvijaya6@asu.edu)

**Date: Oct 2, 2023**

**Tasks Assigned:**

* Completing Individual report
* Finishing the in-depth study and writing its report of the previous week.
* Completed studying another paper and writing its in-depth report.
* Evaluating [Justin Young](mailto:jtyoun15@asu.edu) individual and in-depth reports.

**Summary:**

* Completed reading the research paper, "Reveal: Online Fake Job Advert Detection Application using Machine Learning".
* Started reading the research paper, “Hybrid Deep Learning-based Anomaly Detection Scheme for Suspicious Flow Detection in SDN: A Social Multimedia Perspective”. and wrote its in-depth report”.
* Individual progress and individual in-depth reports are successfully completed for this week.
* Evaluated the Individual Progress report of [Justin Young](mailto:jtyoun15@asu.edu)

**Outcome:**

* The paper [1] presents "Reveal," an application utilizing machine learning to successfully identify fraudulent online job listings, showcasing its practical implementation.
* The paper [2] presents a novel approach employing a blend of deep learning techniques to identify questionable data flows in SDN, with a focus on social multimedia scenarios. This leads to enhanced capabilities in detecting anomalies.

**References:**

[1] C. Prashanth, D. Chandrasekaran, B. Pandian, K. Duraipandian, T. Chen and M. Sathiyanarayanan, "Reveal: Online Fake Job Advert Detection Application using Machine Learning," 2022 IEEE Delhi Section Conference (DELCON), New Delhi, India, 2022, pp. 1-6, doi: 10.1109/DELCON54057.2022.9752784.

[2] S. Garg, K. Kaur, N. Kumar and J. J. P. C. Rodrigues, "Hybrid Deep-Learning-Based Anomaly Detection Scheme for Suspicious Flow Detection in SDN: A Social Multimedia Perspective," in IEEE Transactions on Multimedia, vol. 21, no. 3, pp. 566-578, March 2019, doi: 10.1109/TMM.2019.2893549.

**Evaluation of Report  
  
Evaluation by:** [Avani Mundra](mailto:amudra@asu.edu) **Date: Oct 2, 2023**

**Is the weekly member report complete with all the major result(s) of the paper(s)? If not, provide as many examples of the major result(s) missing in the written report as possible.**

* Yes, the weekly report is complete with all the major results.
* The report is comprehensive

**Is each section of the guidelines sufficiently completed? If not, point out what is missing.**

Yes, each section of the guidelines is sufficiently completed.

**Is the quality of this version of the written report satisfactory? If not, then why not?**

Yes, the quality of the written report is satisfactory.

**Approved by:** [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) **Date: 10/2/2023**