



National Geospatial-Intelligence Agency

7500 GEOINT Drive, Springfield, Virginia 22150

23 November 2021

Dear Ms. Qing He, Mr. Charles Harrison, and Dr. Hsin-Hsiung Huang:

Congratulations for developing one of the two top performing algorithms in our 2021 Algorithms for Threat Detection (ATD) challenge! The challenge had 58 participants from 18 colleges, divided into 16 competing teams. Your team finished first on our City 5 dataset. Your algorithm showed a 35% improvement over our baseline algorithm.

Thank you for participating in our challenge. Your work will help us solve one of the Intelligence Community's hardest problems – learning normal activity and detecting anomalies, even with very sparsely sampled data.

We invite you to present your work at our next ATD workshop, which we plan to hold in early 2022.

Best wishes,

John Greer, PhD
NGA Research