



Drone Spoof Detector

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Capstone Project - Computer Science 495 & 498



Introduction

To research and develop a data framework that can identify and distinguish potential spoofing attacks by analyzing data within a cyber-physical system.

Features

- Process and Display Drone Data
- Clean and Refresh
- Time Implementation
- Drone Model and Flight Trails
- Connect to Client Server
- Drone and Operator information

Conclusion

- We were able to have a real-world experience in the cybersecurity world by gaining the opportunity of working with a government contractor and sitting in on security meetings with government agencies.



Tech Stack

- Web Page
 - HTML, CS, & JS
 - Cesium
- Python

Pierce Aerospace

Our client is Pierce Aerospace, a drone company based here in Indiana, that works with local, state, and federal agencies as well as the government. Their company is a leader in collecting UAS Data in airspaces. They provide drone services to drone users and are most known for their advancements in Remote ID technology.

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