

Improving Kernel Security:

A Hybrid Model for Memory Safety Bug Detection

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CS-GY 6233 Introduction to Operating Systems

Research Presentation

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Executive Summary

This document serves as a central resource linking to two key components related to my research on improving memory safety detection in operating system kernels:

- **Extended Abstract PDF:** A detailed written summary of the research, methodology, results, and conclusions.
- **Recorded Presentation Video:** A concise recorded presentation summarizing the core contributions and findings.

Please find the clickable links below to access each item directly.

Resources

- **Extended Abstract PDF:**
<https://github.com/rma9644/CSGY6233-Research-Presentation/blob/main/Improving%20Kernel%20Security.pdf>
- **Recorded Presentation Video:**
https://stream.nyu.edu/media/CSGY6233-Presentation/1_zn860van