

# **An Advanced Resource Retention System for Integration Testing**

(Capstone Report)

# **“I’m Gonna Unalive Myself”: The Effect of AI Censorship on Internet Language**

(STS Research Paper)

An Undergraduate Thesis Portfolio  
Presented to the Faculty of the  
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Bachelor of Science in Computer Science

by

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## **Preface**

Automation has played a critical role in the development and success of the internet. As the internet has grown more complex, software developers have used automation tools to streamline tasks and minimize human error, leading to improved reliability and scalability. In software development, automation has been increasingly important in integration testing. On major social media platforms, AI software automatically monitors and censors user posts.

Integration testing is a crucial step in software development that evaluates the ability of different components to function together. With efficient integration testing procedures, companies can detect and fix issues early in the development process, reducing the risk of problems arising later. During an internship at Amazon Web Services, the author found that the integration testing procedures were not efficiently deleting resources that had been used during integration testing. The author then designed and implemented a system to automate the cleaning up of integration testing resources once they are no longer needed.

All major social media platforms use automated AI censorship software to moderate content on their sites. The software is trained on previously violative content to detect new violations and ensure that the platforms' community guidelines, which prohibit certain types of content, are adhered to. Censorship slang is a form of resistance that empowers users to circumvent these guidelines. It alters and disguises language to convey messages that might otherwise be prohibited, allowing users to freely express themselves online. This dynamic system of resistance continues to evolve and adapt to its environment, keeping users one step ahead of AI censorship software.