

# **AeroGuard: Experiences in Fast-Paced R&D in the Defense Sector**

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In this talk, I will be discussing my experience in the research and development of *AeroGuard*, SCI Technology's fully-autonomous counter-civilian-drone unmanned aerial system. I will summarize the background and need for this product, our competitive edge, and my contributions. I was able to contribute to the development of the product through developing a carbon fiber testing platform and by making adaptations to our projectile design. I will also speak on development approaches, technology readiness levels, as well as the means by which research and the sciences enable engineering and technology development.

If you want to learn about working in the research and development setting or simply find drones capturing drones exciting, come check out my talk!