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## Bio-Sketch:

Research Associate in Space Domain Awareness for the Center for National Security Initiatives (NSI) at the University of Colorado Boulder. Received his PhD in Physics from the University of Utah in 2020 with a doctoral thesis focused on the ultraviolet remote sensing of ultra-high energy cosmic ray interactions within the atmosphere. Prior to NSI, worked as a research scientist at Lockheed Martin Space Systems with a focus on machine learning and algorithm development for a wide breadth of advanced programs and internal research and development (IRAD) projects. Was recognized at Lockheed Martin for innovative research and leading technical contributions. Research interests at NSI include remote sensing, mission data processing, and machine learning applied to Space Domain Awareness.