

# Zachary Manchester

Assistant Professor at Carnegie Mellon University

Pittsburgh, PA, US

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## Biography

Zachary Manchester is a researcher and aerospace engineer with broad interests in dynamics, control, estimation and optimization. He is especially interested in taking advantage of advancements in embedded electronics and computation to build robotic systems that are smaller, smarter and more agile. He founded the KickSat project in 2011 and has worked on unmanned aerial vehicles, legged robots, commercial aerospace simulation software and several small spacecraft missions.

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## Industry Expertise

Aerospace

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## Areas of Expertise

Legged Robots, Robotics, Commercial Aerospace Simulation Software, Unmanned Aerial Vehicles, Aerospace Engineering

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## Affiliations

American Institute of Aeronautics and Astronautics (AIAA)

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## Education

Cornell University

Ph.D. Aerospace, Aeronautical and Astronautical/Space Engineering

Cornell University

B.S. Applied Engineering Physics

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