



Mahdi Al-Husseini

Masters Student in Aeronautics and Astronautics, admitted Winter 2021

Bio

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Captain Mahdi Al-Husseini is the modernization director at the 25th Infantry Division and an active-duty HH60M helicopter pilot stationed at Wheeler Army Airfield, Hawaii. He is a graduate researcher at Stanford where he studies intelligent systems and human-autonomy teaming as applied to search and rescue, medical evacuation, and wildfire response. Mahdi is a registered patent agent, professional engineer, and inventor with more than 30 patents and patent applications, the majority of which have been acquired by the military and industry.

HONORS AND AWARDS

- Google Gravity Games Autonomous Division (1st place), Georgia Tech (November 2021)
- Collegiate Invention Competition Finalist, Georgia Tech, Stanford University (2019, 2021)
- Major General Greene Individual Innovation Award, Army Futures Command (December 2021)

PATENTS

- Mahdi Al-Husseini. "United States Patent 11613365 Electromagnetic device for an ejector-spring static line reserve parachute", US Army, May 28, 2023
- Mahdi Al-Husseini. "United States Patent 11535496 Device for stabilizing a hoisted object", Vita Inclinata Inc., Dec 27, 2022