Carnegie Mellon University

Industry Pitch: Helistar Aviation Opportunity for CMU-A Student Collaboration
Wednesday 11th September 12pm-1:30pm

The Opportunity

Helistar Aviation is keen to collaborate with CMU-A students to develop a pilot project through the creation of "beach management" software which will be an integral part of an aerial beach management solution design to significantly enhance safety at beaches.

It will provide warning of sharks, dangerous rips, swimmers in distress and the need for additional rescue resources due to crowds. This software would take streaming video of a patrolled section of beach and use AI technology to

- Count the number of people at the beach in the camera field of view

- Count the number of people in the water in the camera field of view

- Identify any sharks near the camera field of view

- Identify any rip current present in the camera field of view

- Identify any swimmers in distress in the camera field of view

The "Pitcher"

The pitch will be made by the owner of Helistar Aviation, Shane Yeend.

Date: Wednesday 11th September
Time: 12:00 pm - 1:30 pm
Venue: Carnegie Mellon University, Seminar Room 1

Company Background

Helistar Aviation Pty Ltd (Helistar) was formed in 2005 to provide a helicopter rescue service for Surf Life Saving SA following on from a fatal shark attack at an Adelaide beach. It has grown to be the largest he licopter company in South Australia. Helistar Aviation provides rescue services in Western Australia and provides aerial powerline inspection and maintenance services across Australia.

Helistar Aviation has long term contracts with major organisations to deliver services in the powerline industry and for beach management. Helistar Aviation has been working on AI solutions to improve beach management and therefore the safety of the public as well as developing solutions to improve power transmission and distribution network maintenance systems in order to lower energy costs to consumers and provide a safe electricity system.

Photo: Shane Yeend (The Advertiser)

For inquiries call (08) 8110 9900