

Chaitanya Cherukuri teaches why drones are the future

With the drone market continuing to grow at a staggering rate, drones are a subject around which many people are keen to gain a better understanding.

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/EINPresswire.com/ -- With the US government investing billions of dollars each year into ever advancing drone technology, drones have also infiltrated a number of huge, mainstream industries, such as utilities and construction.

"The photography industry still utilizes drones more than any other," points out technology enthusiast [Chaitanya Cherukuri](#).

Based in San Marcos, Texas, Cherukuri has watched advances in drone technology, particularly at a consumer level, closely over the last decade. The consumer drone market has exploded in this period, with notable, market leading manufacturers such as Parrot and DJI all having entered the sector within just the last seven or eight years.

As Cherukuri highlights, it's estimated that around 40% of current drone usage is attributed to the photography industry, with real estate, utilities, construction and agriculture representing a further 10-20% each.

"Other industries, as well as the government, only account for less than 2% each currently," [Chaitanya Cherukuri notes](#), even despite massive government spending.



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These industries include education, conservation, insurance, manufacturing and various forms of scientific and non-scientific research.

"These other areas are definitely growing, however," adds Cherukuri.

Indeed, drones are becoming more widely utilized in a number of fields. From weather reporting to border control surveillance, and from building inspection to crop monitoring, drones lend themselves to a great number of applications.

"Using drones generally represents a massive cost saving," remarks Cherukuri, pointing out that launching drones costs considerably less than relying on manned aircraft, such as helicopters.

"Surveying and reporting on disaster areas, or mapping inaccessible locations, has always relied on helicopters or other aircraft," Cherukuri explains. "This can now be done using drones at a fraction of the cost."

With these cost savings in mind, what's in store for the immediate future of drone technology and utilization?

"Shipping," suggests Cherukuri. "Once drones are more widely utilized for express shipping and delivery, it'll turn those industries on their heads. Take a look at Amazon, for example, who have invested incredibly heavily in their proposed 'Prime Air' drone delivery service."

"That would be my prediction," Cherukuri concludes.

[To learn more about Chaitanya Cherukuri, please click here.](#)



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