

Jeddah Based Company Dronize Launches A DIY Hexacopter Enabling Safe Drone Landings



Saudi Arabia, Makkah, Mar 30, 2021 ([Issuewire.com](https://www.issuewire.com)) - Dronize is a small organization based in Jeddah, Saudi Arabia, specializing in drone AI prototypes, case studies, and use cases. The company's CEO is Moayyad Khayyat accompanied by Fawaz Alshaikhi and Abdul Rahman Almalki who are the operation experts in autonomous AI machines.

DIY hexacopter drone made by Dronize group in the University of Jeddah by Moayyad Khayyat includes autopilot that is fully programmed in Saudi Arabia. The secret of the algorithm is the ability of continuous

spinning motors in a synchronous way even after one of them is damaged, which helps the drone land safely without a parachute, and extra alternative motors running only on dual GYRO sensor.

The year 2020 was a crucial term in terms of spending time indoors along with working extensively on drone programming and machine learning model architecture to extract a pure code that can enhance a safe drone landing process. Moayyad rejected offers from 3 companies for selling Dronize's source code of algorithm, one of them for \$30,000. The first two offers were from companies based out of Hong Kong and China while the third offer was from a Japan-based company. He rejected the offers because he aims to support local manufacturing and developing drone companies in Saudi Arabia.

Moayyad Khayyat hails from Saudi Arabia and is currently studying AI at the University of Jeddah. He developed an AI algorithm for the safe landing of drones. He started studying AI and Autonomous Machines in 2018. He initially started his project and began working on his vision with just a small drone, but it failed at the sea. However, the failure has been the biggest inspiration and motivation in developing something better for the drones.

Dronize is a group for drone development based out of Jeddah, Saudi Arabia. Moayyad is an expert in the drone field and is leading the way for innovation through his role as the CEO of dronize.net. Check out their website at <https://sites.google.com/view/dronize> or refer to the following contact details to reach out to them.

Website: [Dronize.net](https://dronize.net)

Twitter: twitter.com/dron1ze

Instagram: [m_0yd](https://www.instagram.com/m_0yd)

Linkedin: <https://www.linkedin.com/in/moayyad-khayyat-b99b92173>

Business email: moayyad@dronize.net

Personal email: moayyad57@gmail.com



Media Contact

Dronize

moayyad@dronize.net

Source : Dronize

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