



At TechFarms, We Strive to Help Your Ideas Thrive

TechFarms is a business incubator focusing on the technology sector. We provide entrepreneurs a place to make their ideas real, with office and makerspace, equipment, prototyping facilities, business and technical mentoring, and more.

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July 2019

Follow TechFarms through each month of new growth and stay up to date on the latest tech news in our area and around the world.

Featured at TechFarms



FSU PC, Gulf Coast State College Join Forces for RoboBoat Autonomous Challenge

When students from Florida State University Panama City and Gulf Coast State College students teamed up to compete for the first time in the 2019 International RoboBoat Competition, they knew they were underdogs. Both schools were newcomers to the autonomous boat challenge. They didn't have a consistent shared workspace. Many of the students hadn't even taken an introductory programming course. Then Hurricane Michael struck.

But team Seminole Coast was not to be deterred, ultimately overcoming lost housing, newcomer status, and bureaucratic hurdles to earn the respect of the judges, a new Nvidia Jetson TX2 and \$1,250 in prizes. To read the full story about their challenges and experience at the RoboNation RoboBoat 2019 Competition, click [here](#).

News



Startup Aims to 3D Print Cheaper, Lighter Rockets

Relativity Space has signed a lease with NASA and plans to test its first 3D-printed rocket in a flight next year. Click [here](#) to read about their assembly plant in Mississippi.



Autonomous Solutions Inc. and CNH Industrial Unveil Autonomous Tractor

The tractor includes autonomous seeding, planting and tillage for broad-acre and row crop farming. Click [here](#) to find out how the delivery system works.

Introducing Wingly

Flight-sharing platform Wingly allows



people to take to the skies in small private planes or helicopters by reserving seats on the flight. Read more [here](#).

Upcoming Events



Little Byte Cyber Camp

Students will spend the week learning about computer basics, programming, and internet safety with Corps Tigris, Gulf Coast State College's elite cybersecurity demonstration and competition team. Click [here](#) for more information.

Ages: 6 - 11

When: July 15 - 19, 2019

Where: Gulf Coast State College

Price: \$80.00



SUP-X: The StartUp Expo

This massive expo sponsored by Tech Lauderdale features panels, pitches, demos, a #women4women forum and a startup competition worth at least \$25,000 in cash and prizes. Click [here](#) for more info.

When: July 25, 2019

Where: Broward Convention Center, Fort Lauderdale, FL

Price: Starting at \$29

Featured Tech Product



Pliant Energy Systems - Swimming Skating Crawling Robot

U.S. company Pliant Energy Systems has turned one of its green energy technologies into a propulsion system for a swimming robot capable of exploring land and sea. The Velox robot can move through water and over sand, pebbles, snow, ice and other solid ground, completing tasks that robots designed purely for either land or sea would be unsuited for. Velox's versatility is due to its undulating soft fins, which sit on either side of Velox and move in a hyperbolic pattern reminiscent of a stingray or a millipede. Pliant Energy originally developed the fins as a system for generating electricity from rivers. It wanted a shape that wouldn't become entangled with debris or be damaged by bumping up against heavy objects like tree trunks.

Check it out [here](#).

Coming Up



Gfaith App Advances Closer to Launch Date

Bryan Joy, CEO of Gfaith Media, developed an idea that Christians worldwide should have a secure online platform at their fingertips that allows them to connect, share information, and support each other through tough times. In our next issue, meet Joy, and read about his journey toward developing the Gfaith app.

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