

ResCon Technologies, LLC is hiring a Frontend Developer

As our lead for user experience, you will be responsible for creating effective, intuitive, unique, and enjoyable interfaces for the purchase, delivery, and operation of ResCon's solutions for small Unmanned Aerial Systems.

Opportunity Description

ResCon is seeking a Frontend Developer to help create a differentiating user experience to accompany our revolutionary machine learning offerings for drones. Candidates will work closely with product designers and software developers to

- Create the primary human-computer interface by which customers deploy ResCon software on standard drone hardware
- Lead the development of drone operator "cockpit" displays for aircraft health & status and predicted maintenance conditions
- Communicate with ResCon customers to ensure interfaces are meeting needs and expectations
- Assist in the creation and testing of prototypes for new product ideas

This will initially be a project-based position which will likely transition to full time as revenue increases. Ideal candidates will be located near our headquarters in the Columbus, Ohio area.

Who We Are

ResCon Technologies is a spinout of The Ohio State University and was founded in July 2020 by Brian Gyovai, a 23-year Air Force veteran, Dr. Daniel Gauthier, professor of physics at OSU, and Dr. Andrew Pomerance, president of Potomac Research, LLC. Our mission is to revolutionize the edge computing capabilities of sUAS by deploying extremely low-data and low-power machine learning algorithms to existing and developmental systems. ResCon's ML-augmented flight control makes sUAS safer, more efficient, and more agile, all while offering unprecedented insight into the health and status of the aircraft.

Who We Are Seeking

The successful candidate will be a foundational member of ResCon and a key component of a small team dedicated to making an impact in the edge computing and sUAS space. The candidate must be passionate, courageously creative, relentlessly curious, and willing to reinvent the status quo. They should also possess a portfolio of professional frontend development projects showcasing their skills.

Minimum Experience

- Bachelor's degree in Computer Science, Computer Engineering, or related fields
- At least one year of professional (non-academic) experience developing in modern Javascript, HTML5, and/or CSS
- Familiarity with modern frontend technologies such as TypeScript, ES6/7+, Angular 2+, and/or React
- Willingness and ability to dig into any code, including UAS flight stack software and ML augmentation modules

Desired Experience

- History of work in the drone or aerospace industries
- UI/UX design experience, including knowledge of Adobe XD, Photoshop, Illustrator, InDesign, Sketch, Figma, OmniGraffle, Balsamiq, Flinto, After Effects or other design/prototyping tools
- Familiarity with data analysis, predictive maintenance, and ML applications

Position Requirements

- U.S. Citizenship
- Residence in the Columbus, Ohio area preferred, though remote work will be considered for exceptionally qualified candidates
- Immediate availability for at least 12 months
- Project-based employment contingent on funding from the US government and private investment