
Job Opportunity:

Coastal Engineering Associates, Inc. (COASTAL), established in 1958, is a multi-disciplined firm providing surveying, engineering, planning, environmental, and construction management services throughout Hernando, Citrus, Sumter, and Pasco Counties in west-central Florida.

Coastal Engineering Associates, Inc. is seeking a highly motivated **Drone Pilot Intern** with a current FAA Part 107 Remote Pilot Certificate to support aerial documentation of our active construction and land development sites. This role is ideal for students or recent graduates looking to apply drone piloting skills in real-world engineering and development projects. The intern will assist with flight operations, data collection, and media organization to support project tracking, client reporting, and visual records.

Key Responsibilities:

- Operate drones to capture aerial photographs and videos of land development and construction projects
- Conduct pre-flight checks, mission planning, and ensure FAA regulatory compliance
- Coordinate with project managers and field staff for scheduled flyovers
- Maintain drone hardware and software (battery management, firmware updates, sensor cleaning, etc.)
- Review and organize imagery files with proper labeling and storage location within Job Folders
- Provide light editing or annotation of images/videos for internal use or external reporting
- Maintain detailed flight logs and assist with safety and compliance documentation

Qualifications:

- Active FAA Part 107 Remote Pilot Certificate
- Experience flying drones in commercial, academic, or personal settings (DJI drones preferred)
- Strong understanding of flight safety, airspace awareness, and drone operation best practices
- Reliable transportation and valid driver's license
- Comfortable working on active job sites in outdoor environments

Preferred Skills:

- Familiarity with platforms such as DJI Pilot, DroneDeploy, Pix4D, Propeller or similar
- Basic photo or video editing using Adobe Lightroom, Premiere, or similar tools
- Understanding of site development phases and terminology
- Understanding of RTK is a plus

This is an hourly, part-time position with flexible hours from Monday to Friday, 8:00 AM to 5:00 PM. Anticipate this role growing into a full-time role that will include a comprehensive benefits package, featuring company-paid health insurance, a profit-sharing 401(k) plan, annual performance-based bonuses, paid time off, and holidays, as well as support for professional development and licensing assistance.

Contact Information:



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