



## GEOSPATIAL ANALYST

The Geospatial Analyst is responsible for processing, analyzing, evaluating, validating, interpreting and troubleshooting LIDAR, GNSS/IMU and image sensor survey products including participating in optical calibration, boresight, implementing sensor characterization and calibration techniques all while interacting effectively with cross-functional teams.

### RESPONSIBILITIES:

#### Geospatial Data Analysis

- Data processing, analysis, calibrating, evaluating, validating, interpreting & troubleshooting of LIDAR, GNSS/IMU & imagery sensor data
- Provide technical support & troubleshooting expertise
- Identify and understand issues. Drive complex problem resolution with support of others as required.
- Ability to flight plan, general understanding of system operations and hardware functionality.
- Assess system conformance & performance
- Document and update manuals, processes, knowledgebase and procedures
- Keep abreast of technical developments and innovations within the industry
- Maintain a high standard of quality and deliver results in a timely and efficient manner

#### Assess System Conformance

- Primary technical expertise for the airborne LIDAR and camera products, software and applications. Available to provide oversight and support team members.
- Derive optical calibration parameters, boresight and prepare reports
- Research and establish calibration techniques
- Work closely with Product Managers and drive technical product design, enhancement & development
- Lead and contribute to engineering and development projects
- Collaborate with various functional groups and ensure complete understanding, characterizing, testing and validating of new products and applications
- Document and disseminate information of new development to related teams
- Act as a technical mentor coach to all colleagues and provide direction when required
- Identify gaps in processes and drive efficiencies and improvements
- Characterize instrument conformance, performance and generate pass/fail criteria.
- Organize and lead review meetings
- Communicate and documents status and results

#### Client Training & Travel

- Generate and carry out technical training sessions, seminar presentations and documentation
- Frequent travel to client sites for the purpose of mobile system commissioning, client training, technical seminars, support and product demonstrations

The basic duties and responsibilities describe the essential tasks and activities that are typical for an associate in this job. The above list is not intended as an exclusive list of work performed. Depending on the requirements other duties and responsibilities may be assigned.

## EXPERIENCE/QUALIFICATIONS

- Bachelor or Master's degree in Engineering, Mathematics, Photogrammetry, Geomatics, Geodesy or Physics
- 2+ years of related experience with geospatial products and data processing
- Strong sense of urgency, initiative & enthusiasm
- Proven decisive leadership skills
- Strong communication and leadership skills
- Strong analytical, problem solving and organizational skills
- Ability to effectively multitask and to work under pressure
- Able to work in the evenings, weekends or holidays as required; Adaptable, Flexible
- Ability to work in a team environment and with cross functional groups across the company
- Ability to travel internationally and possesses a valid passport

Email Resume and Cover Letter to [aggie.hunt@teledyne.com](mailto:aggie.hunt@teledyne.com) to apply