



Job Announcement

Technical Solutions Analyst – Level II

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Huwa Enterprises is a nationally renowned land reclamation and restoration company, that has successfully reclaimed over 2.2 million acres of land across 43 states in the US. We use innovative approaches based in science and environmentally sound practices in our work, and we continue to innovate as we partner with clients in specialty areas such as land reclamation, renewable energy, civil infrastructure, and natural disaster recovery, all using the most advanced tools in science and technology to do so.

We are currently seeking to fill Technical Solutions Analyst roles with our company. See description below.

Position: Technical Solutions Analyst – Level II

Reports to: GPS and Analytics Manager

Classification: Exempt

About this Role:

We are seeking an experienced, highly analytical and solutions-oriented professional to join our team as a **Technical Solutions Analyst – Level II**. In this role, you will independently execute and lead **advanced GPS, UAS, CAD, analytics and geospatial workflows** in support of our field and office operations. Level II Analysts are expected to manage more complex technical assignments, validate critical datasets, and serve as a technical resource for both internal teams and external clients. This position is highly technical in nature and builds upon the Level I responsibilities by adding greater levels of **project ownership, client interaction, mentoring, and process improvement**. You will safely operate and support some or all of the following: GPS equipment, Unmanned Aerial Systems (UAS), analytics platforms, software suites (Computer Aided Design (CAD), Construction, Mapping, Aerial Data, LiDAR) and computers. Troubleshooting of advanced and sometimes complex UAS, machine control, CAD/construction drawings and survey systems requires that individuals possess **advanced system applications knowledge, methodical troubleshooting skills, good mechanical capabilities, and strong critical thinking skills**. Level II Analysts are also expected to help train and support Level I teammates, assist with developing and refining best practices, and provide feedback on tools, workflows, and data quality. Strong organizational skills are needed to independently schedule, plan and execute work, assist with training for end-users, and to track, record, and accurately communicate the most up-to-date information with teammates and clients in a meaningful and timely manner. Excellent verbal and written communication skills are essential. Level II Analysts must be capable of translating technical results into clear recommendations and visuals for field teams, project managers, and clients.

Key Duties and Responsibilities:

Teammates:

- Promote safety, productivity, and quality at every opportunity.
- Actively mentor, train, and support Level I analysts and field teams with less knowledge and experience.
- Independently lead technical workflow execution in both field and office environments (GPS, UAS, CAD, analytics).
- Continue to develop own knowledge and expertise by seeking assistance from senior team members and vendors where appropriate.
- Assist in implementing and documenting new workflows, SOPs, and best practices.
- Adapt to unexpected changes and delays while maintaining composure and quality of work.

Clients/Vendors:

- Promote customer satisfaction, safety, productivity, and quality at every opportunity.
- Serve as a **primary technical point-of-contact** for mid- to high-complexity customer requests.
- Differentiate the company using innovative techniques, progressive concepts, and a solutions-oriented attitude.
- Utilize positive and professional communication skills with inspectors, crews, and company representatives.
- Provide clear explanations of analytic results, UAS data, machine control behavior, and GPS findings to clients.
- Support client onboarding and training on new workflows and technologies.
- Build and maintain relationships with inspectors, clients, and vendors in the field and office settings.

Community:

- Promote safety, productivity, and quality at every opportunity.
- Actively participate as a positive member in all communities (field, office, client, vendor).
- Conduct self and promote others in accordance with the company's Core Values (Commitment, Integrity, Respect, Humility, Safety, Communication, Accountability and Family).
- Help create, maintain, and enhance a collaborative and high-performing team atmosphere.
- Contribute ideas and feedback that support innovation, efficiency, and continuous improvement.

General Requirements:

(Same core expectations as Level I, with an increased emphasis on independence, mentoring, and quality.)

- Ability to work as part of a team as well as independently; self-starter and self-motivator.
- Excellent analytical and troubleshooting skills.
- Ability to work in a fast-paced environment and maintain calm efficiency while producing quality work.
- Excellent organization, prioritization, and time-management skills.
- Maintain a professional appearance and wear all required Personal Protective Equipment (PPE).
- Knowledge of and ability to use current and developing technologies including telephones, mobile devices, and computers.
- Experience with Windows, mobile devices, standard office software (Email, Word, Excel, Teams, PowerPoint).
- Excellent ability to communicate clearly, concisely, and accurately with teammates and clients to express analytics and/or field findings in a constructive manner.
- Strong desire to innovate, test, and troubleshoot existing processes, equipment and solutions, along with finding new processes, equipment and solutions to ensure a competitive and efficient future for the company and its clients.
- General knowledge of construction nomenclature used by engineers and contractors to describe the work and data in both CAD and field settings.
- General knowledge of the processes required for civil and agricultural construction activities (Cut/Fill, Material Processing, Shrink/Swell, Slopes, Roads, BMP's, Stormwater Features, etc.).
- Ability and willingness to travel to job sites across North America via air or ground, with potential overnight travel, sometimes at a moment's notice.
- Knowledge and technical skills in construction and drone software (AgTek, Magnet, ESRI/ArcGIS, BlueBeam, Propeller, DroneDeploy, DJI, Wingtra) or equivalent.
- This job description provides a general summary of the key responsibilities and qualifications required for the role of a Technical Solutions Analyst – Level II. Duties and responsibilities may evolve and change over time, based on the organization's needs.

Specific Requirements

(Advanced knowledge of and at least 3+ years of experience in one or a combination of the following categories, building on the Level I expectations.)

GPS Hardware and Software

- Advanced troubleshooting, setup and configuration (Topcon preferred, Trimble, Leica, StoneX or equivalent).
- Lead configuration and diagnostics for base, rover, tablet, booster, total station, and machine control calibration.
- Strong working knowledge of light to heavy agricultural and construction equipment.
- Advanced understanding of survey, 3D and 2D Machine Control (MC) system functions as well as grading and surveying practices associated with construction and survey projects.
- Advanced knowledge and technical skills in software programs such as BlueBeam, Magnet, Office, Pocket 3D, 3D Office, and 3DMC, including how they interact with subsystems and machine dynamics.
- Ability to use test programs such as Topcon Receiver Utility (TRU) for advanced diagnostics and configuration.
- Demonstrated proficiency in survey control networks, route surveying, construction staking, boundary surveying, and topographic surveying.
- Ability to read and interpret alignment sheets and independently develop daily work plans with project leads.
- Strong understanding of reading and converting grade (tenths vs inches).

UAS

- FAA Part 107 Certification required.
- Proficient in operating UAS via mapping applications and free-hand flying in varied environments.
- Ability to maintain, service, and repair UAS as well as write and improve clear and concise Standard Operating Procedures (SOPs).
- Advanced knowledge of aerial photo and/or LiDAR: control, capture, processing, and support, including RTK/PPK workflows.
- Experience with UAS processing platforms (Yellowscan, DroneDeploy, Propeller preferred, Wingtra) and the ability to troubleshoot issues across the processing pipeline.

Analytics

- Advanced knowledge of one or more of the following:
 - CAD analytic software (AgTek and Magnet preferred, Trimble Business Center).
 - Mapping, reporting, and Geospatial software (ESRI/ArcGIS, QGIS, MapItFast or equivalent).
 - Vegetation assessment and change detection.
 - Asset management and spatial data organization.
- Advanced organization and critical thinking skills; ability to manage analytic workloads across multiple jobs simultaneously.
- Experience managing multiple high-priority projects at once and working through requests in an efficient and timely manner.
- Extremely detail-oriented, with the ability to perform QA/QC on large datasets.
- Ability to adapt to different teams' requests and work styles—from field teams to office teams to clients to vendors.
- Adhere to best practices both internally and externally, and help others follow these as well.

Software

- Ability to quickly learn, train, research, implement, and plan software implementations.
- Experience with vendor research, analysis, negotiations, and management.
- Experience working between teams in the field, office, and client environments, with the ability to effectively liaise between them and ensure all requirements are met on all sides.
- Exposure to Application Programming Interface (API) functionality and data integrations preferred.
- Programming knowledge and experience preferred (such as R, Python, HTML5), and used to help automate workflows or improve data processing where appropriate.

Work Requirements

- Must be able to pass a pre-employment background check, which will include criminal, MVR and drug and alcohol screening.
- Must hold and maintain a driver's license, in good standing with all Company requirements.
- Must maintain a professional appearance appropriate for the anticipated activities of the day, including compliance with all PPE (personal protective equipment) requirements for safety on job sites.

Salary and Benefits:

- **Anticipated Hiring Wage Range:** \$80,000–\$120,000 per year depending on skills and experience.
- **Benefits:** Huwa Enterprises offers a comprehensive benefit package which includes a wide array of valuable benefit options for health, dental, vision, and life in addition to many optional benefits including such things as accident, hospital indemnity, EAP (employee assistance program), legal, pet insurance and others.

To Apply:

- Please complete the online application form at Application – H2 Enterprises.
- Please also submit a detailed resume and a cover letter addressing the position requirements, along with three professional references, which should include current or former supervisors, to: HR@HuwaEnterprises.com.

This position will remain open until it is filled, and reviews of qualified applicants will begin immediately upon receipt.

You may contact Human Resources with any questions by e-mailing HR@HuwaEnterprises.com.

Notice to All Applicants:

- Proof of eligibility to work is required to be produced within three (3) days of hire.
- Direct Deposit is a condition of employment.
- Applicants may be required to complete a successful background check prior to employment, including but not limited to drug screening and MVR, depending upon the duties of the position.
- Requests for ADA reasonable accommodation in the application process can be requested by contacting HR@HuwaEnterprises.com.

Essential Functions

Work Environment: While performing the duties of this job, must be able to work in all types of weather, including extreme cold (non-weather) and extreme heat (non-weather). The employee is occasionally exposed to wet or humid conditions (non-weather); fumes or airborne particles; toxic or caustic chemicals. The noise level in the work environment can be loud. The employee is frequently exposed to work near moving mechanical parts and vibration. Ability to work in an office setting which could include sitting and working on a computer for periods of time.

Physical Demands: The employee will be required to lift and/or move up to 50 pounds and occasionally lift and/or move up to 75 pounds. The employee must be physically capable and coordinated to safely operate mobilized vehicles, equipment, drones, GPS hardware, hand, and power tools. Specific vision abilities required by this job include distance vision, peripheral and depth perception, and ground personnel hand signals. Specific hearing abilities required include identifying equipment functions, malfunctions, signals, alarms, and ground personnel horns. The employee is frequently required to climb in and out of equipment; bend, twist, use hands or fingers to handle or feel; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl and talk or hear. The employee is regularly required to walk while maintaining balance and without becoming fatigued.

Safety Sensitive Position:

While performing the duties of this job, all work tasks are considered safety sensitive. Safety sensitive means a job wherein an accident/incident could cause loss of human life, serious bodily injury, or significant property or environmental damage, including a job with duties that include immediate supervision of another person.

Huwa Enterprises is an Equal Opportunity Employer:

It is the Company's policy to provide equal employment opportunities for all applicants and employees. The company prohibits all forms of discrimination and harassment including those that violate federal and state law. The company does not discriminate on the basis of sex/gender, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion, genetic information, marital status, gender identity, or sexual orientation in its employment practices and activities. To report any concerns or complaints, you may contact Human Resources at HR@HuwaEnterprises.com.