

CADD Technician/UAS Pilot

Alliance Consulting, Inc. a multi-disciplinary civil, environmental and mining engineering firm with multiple office locations in West Virginia and Pennsylvania. Alliance provides engineering and scientific solutions to our clients' challenges with an operating philosophy rooted in integrity and dependability. We place our clients' needs paramount to our planning and business development. To continue our growth and development, we are currently seeking a motivated, entry to mid-level CADD Technician with an interest or experience with Unmanned Aircraft Systems (UAS - Drones) to develop and grow with our Canonsburg, PA office.

Job Description:

The ideal candidate would have an interest in either the outdoor/natural sciences and/or civil engineering applications. This is a unique opportunity to develop a well rounded skill set and develop with a growing office. It is expected that the successful candidate will perform a variety of routine and semi-routine drafting, some preliminary design assignments, and potentially some field services which include:

- Work with engineers, geologist, and scientists to design, draft, and compile data for permitting, compliance, assessment, and remediation services.
- Compile, create, and manipulate plan view mapping exhibits with topographic contours, geologic data, parcel data, stream and wetland resources, water supplies, etc.
- Be able to familiar and be able generate profiles, cross sections, grading plans, E&S control layouts, etc.
- Be familiar with compiling base layers from multiple public and private datasets, Trimble GPS data, and field notes to generate plan view mapping exhibits.
- Assist with generating database information for permitting packages (parcel ownership, data forms, inventory lists, etc.).
- Ideally have an interest and ability to assist with UAS flights for compliance and mapping services projects.

Successful candidate will demonstrate the following:

- Have a related Associates or Bachelors degree.
- Must be proficient with AutoCAD, ideally have familiarity with Civil 3D or/Carlson.
- Be proficient at applying standard drafting techniques and operation of AutoCAD work stations, plotters, printers, and associated drafting equipment.
- Ability to work with files between AutoCAD and GIS programs preferred and familiarity with ArcView GIS a plus.
- Familiarity with Trimble GPS units and Pathfinder Software preferred.
- Demonstrated proficiency with Microsoft Office Suite (Word/Excel/PowerPoint) and Adobe Acrobat.
- Ideal candidate would have an interest/ability to provide CADD services but also assist with field work tasks associated with UAS flights and/or compliance inspections; including either possessing or having the ability to obtain FAA Chapter 107 licensing for commercial drone operation.
- Must possess excellent communication skills with the ability to work independently and deliver documents with a focus on QA/QC.

Alliance Consulting, Inc. offers a competitive salary, great work environment, growth potential, medical and dental insurance plans, 401(k) plan, flexible spending account, life insurance, supplemental insurance plans, paid time off, and paid holidays. All appropriate candidates should submit their resume with cover letter and salary requirements.