

New Insight Engineering is seeking a remote Electrical Engineering Intern to create and modify drawings in AutoCAD and/or MicroStation from engineer-provided markups. The Intern will work directly with design engineers and project managers to produce multiple drawings with a high level of detail and efficiency to meet client deadlines and budgets. They will also be assigned a mentor to work with one-on-one to continue to expand their knowledge within design. Training will vary from online videos and Teams sessions to in-person training with equipment. Substation/field visits to shadow can be scheduled pending assignment availability and workload.

Main areas of draft work include:

- Protection & Control, SCADA, Communications (Single Line Diagrams, Schematics, SCADA and Communication drawings, Control Building Layouts and Elevations, Panel Front Views and Cabinet Layouts, Wiring Diagrams, Interconnection Drawings, AC/DC Station Service drawings and other miscellaneous drawings as required by project scope)
- Physical Electrical (General Arrangement, Electrical Plans, Electrical Elevations, Sections and Details, Foundation Plans and Details, Structural Details, Grounding Plan and Details, Raceway Plan and Details, Equipment Vendor Files and other drawings as required by project scope).

Qualifications

Competencies

- Mental Effort: Ability to maintain prolonged concentration on computer with high attention to detail, organization, and efficiency
- Time Management: Ability to work remotely on multiple projects in a fast-paced environment while maintaining customer delivery dates
- Communication: Strong written and verbal communication skills, willing to ask questions and provide timely updates relating to progress or issues
- Teamwork: Works collaboratively with others to achieve organizational goals
- Client focus: Provides added value through service excellence to internal and external clients

Required Education and Experience

- Completion of a high school diploma or general equivalency degree (GED)
- Proficiency using Microsoft Office (Word, Excel, Outlook, etc.)

Preferred Experience

- Knowledge of commonly used concepts, practices, and procedures within the electrical engineering/architectural field
- Proficiency with manipulating vector and raster drawing files in AutoCAD
- File sharing, document management and collaboration tools such as ProjectWise, SharePoint, etc.
- 1+ years in electrical drafting

About Us

New Insight Engineering is a growing remote-based engineering consulting firm providing both P&C design and field engineering services. Our vision is to provide a platform for industry professionals to perform world class service by continuously developing an organization that is deliberate in its culture, operates with a sense of urgency, and has the willingness to be bold and innovative by embracing technology and modern ideas. We value our clients as partners and friends and work to maintain that relationship by providing unmatched service at competitive rates. We select the finest junior and senior engineers, provide training for continued development, and merit-based compensation to ensure retention and consistent, high-quality results.

Our Core Values

- TRUST – Inherent trust in our team members and our client partners
- TRANSPARENCY – Frank and open dialogue within our team and our client partners, we are in it together
- CRAFTSMANSHIP – Execute at the highest levels
- MERIT BASED – Reward and praise success in meeting personal and organizational goals
- LEARNING – Nothing is perfect, and the only failure is not recognizing new ways to improve
- POSITIVITY – Foster behaviors and decisions that support a happy and fulfilled team

Benefits

- Work Remotely

New Insight Engineering is an equal opportunity employer that is committed to diversity and inclusion in the workplace. We prohibit discrimination and harassment of any kind based on race, color, sex, religion, sexual orientation, national origin, disability, genetic information, pregnancy, or any other protected characteristic as outlined by federal, state, or local laws. This policy applies to all employment practices within our organization, including hiring, recruiting, promotion, termination, layoff, recall, leave of absence, compensation, benefits, training, and apprenticeship. New Insight Engineering makes hiring decisions based solely on qualifications, merit, and business needs at the time.