Architectural, Engineering, and Technology Co-op

SM&W is an international consulting firm specializing in audiovisual/multimedia, information technology, acoustical, trading floor, data center, medical equipment planning and security systems design services that seeks a Design Team Member for CAD/BIM Design for our New York City office. We identify potential acoustical issues at the earliest point possible and bring forth all available options for team review, discussion, & coordination. Our projects range from extremely sensitive environments, such as studios, performance spaces, laboratories; to the corporate and learning environment involving boardrooms, executive offices, collaboration spaces, open plan areas, classrooms, etc.

The Co-op student should be enrolled in a degree program within architectural, engineering, or technology sectors. The student must be familiar with AutoCAD and Revit to produce design documentation and work in cooperation with the design team. The student will be required to work with the SM&W project team, maintain integrity of design files, produce design documents based on direction provided by design team, assist in work as a document controller, QA/QC drawings for standards and graphics, and coordinate Revit work between multiple offices with the SM&W organization.

Key Responsibilities:
- Design coordination with project team
- Production of conceptual sketches, design and construction drawings for:
  - Telecommunications
  - Security
  - Medical Equipment
  - Audio Visual designs.
- Drawing production in AutoCAD and Revit
- Preparation of notes, schedules, memos and transmittals
- Document management
- Interfacing with Architects, Engineers and Construction trade contractors is required
- Interoffice project coordination
- PDF creation, plotting and preparation of drawing packages
- Coordination with architects, engineers, and contractors

Successful candidates shall possess the following qualities:
- Proficient in latest versions of AutoCAD and Revit (required)
- BIM project coordination and modeling skills
- Ability to follow company CAD/BIM standards and procedures
- Ability to ensure accuracy of the designed product or concept for the organization
- Good organizational, written and verbal skills
- Ability to work independently, communicate in a clear and concise manner
- Ability to work under pressure to meet deadlines
- Proficiency in Microsoft suites is required

Career Benefits and Development:
- Exposure to technology consulting and design for a diverse range of projects in a global setting
- Internal training on technology design and implementation, including:
  - Technical drawing layouts
  - Schematic system diagrams
  - Technical specification writing
  - Technology report writing
- Tours of local vendors/manufacturers with exposure to latest technology trends and real world application
- Exposure to various industry architectural and engineering contacts, global clientele, and projects
- Opportunity to work in a very dynamic and fast-paced environment as a valued and integral part of our technology consulting team
- Direct hands-on experience and application of classroom skills in a professional real-world setting
- Potential for project related travel both domestic and international
- Potential to work towards full-time position upon graduation in any SM&W Office