

Geo Structural Designer/AutoCAD technician

Paterson Group Inc. – Ottawa, ON

Paterson Group, one of Canada's oldest geotechnical engineering consulting firms, is recognized for expertise in geotechnical engineering, environmental engineering, hydrogeology, materials testing, noise, and vibration studies, structural engineering and building science engineering. Customer service is our first priority. We provide professional services based on technological expertise, interactive project management, a wealth of local knowledge, and creative solutions.

Paterson Group's client base includes major developers, building owners, property management firms, condominium properties, and many other public and private housing and commercial building groups.

Paterson Group offers the opportunity of a rewarding career at a highly successful consulting firm. You will be part of an engaging team of engineers and technologists working on exciting and challenging projects in a culture of continuous learning and collaboration.

The Ottawa office has an opening for a full-time Bilingual Geo Structural Designer. We are looking for the best and the brightest candidate to fill this role; the reward is a competitive salary (reviewed annually) and benefits package. We also contribute to RRSP's, group employee benefits, and organize extracurricular social events along with several other perks.

Duties and responsibilities for this position will include:

- Assist Project Team using CAD skills to efficiently develop/revise retaining plan, cross sections & details for various structural projects with guidance from the Project Manager and/or engineer;
- Complete preliminary plan for take off and final shop drawings, using multiple different commercial segmental block products or cast in place concrete.
- Tasks will include geo-referencing existing drawings, scaling pdf or other plans and figures;
- Development of profile views, layout and customs cross-section for retaining walls;
- Perform calculations, analysis, and computation of stability of retaining walls;
- Import and process field data provided by field staff for structural design or retaining structure;
- Calculate boundary and intersections from field surveys, develop grading plans and structural layouts;
- Work with other engineering disciplines and professionals in the completion of the project under the direction of a Project Manager;
- Ability to resolve and/or communicate any technical issues that may arise;
- Ability to occasionally assist with field related tasks considered an asset;
- Assist in basic interpretation and verifying compliance with applicable codes and engineering standards and practices;
- Ability to manage, coordinate and schedule work with colleagues and client;
- Perform other duties as assigned by Project Managers or Supervisor.

Job Requirements:

- Educational background in a relevant discipline (i.e. Diploma in Civil Engineering Technology or Engineering Design and Drafting);
- 2+ year of experience AutoCAD drafting and design;
- Knowledge in AutoCAD Civil 3D software is mandatory;
- Knowledge and experience in ArcGIS;
- Highly motivated, hardworking and enthusiastic team player;
- Capable of working independently;
- Excellent interpersonal, written, and verbal communication skills;
- Technical knowledge in civil engineering or environmental discipline would be an asset;
- Solid understanding of provincial and federal regulatory requirements acquired through experience and education;
- Strong technical understanding of field data collection, instrumentation, monitoring and sampling techniques;
- Strong ability to balance immediate and long-term work with varying priorities and deadlines;
- Ability to deal tactfully and effectively with clients and co-workers;
- Exceptional organizational and writing skills;
- Fluently Bilingual with excellent oral and written skills in both English and French;
- Readily accept working in a business-competitive environment.
- Candidate must be authorized to work in Canada.

Start date: ASAP (negotiable)

Benefits:

- Competitive compensation package.
- Group RRSP offered after 3 months of employment. The company will match the employees' contributions up to 5%.
- Group Insurance coverage for medical, dental, life insurance, long and short-term disability. Eligibility upon completion of three (3) months of employment. Individual costs for each plan member are shared equally by the employee and the company.
- Welcoming and supportive work environment with numerous social events including staff lunches, team BBQs, Family picnics, Holiday party and so much more.

How to apply:

If you are passionate about engineering and eager to contribute to a company that values innovation and excellence, we encourage you to apply. Candidates can apply through Indeed. We appreciate the interest and efforts of all applicants; however, only those short-listed as candidates will be contacted.

Paterson Group Inc welcomes and encourages applications from people with disabilities. Accommodations are available on request for candidates taking part in all aspects of the selection process.

For more information on our company, please visit: <https://patersongroup.ca/>

Job Type: Full-time

Pay Range: 65K to 75K – salary is commensurate with education and experience

Additional pay:

- Overtime pay

Benefits:

- Company events
- Dental care
- Disability insurance
- Employee assistance program
- Extended health care
- Life insurance
- On-site parking
- Paid time off
- RRSP match
- Vision care

Schedule:

- Monday to Friday
- Weekends as needed

Work Location: In person