



## Potential Opening for: Engineering-In-Training Position

RiverRestoration is seeking applicants for a potential opening as an Engineer-In-Training (EIT) at its Carbondale office in Western Colorado. RiverRestoration is a small, river engineering consulting firm that designs projects from a river-centric perspective. Every design recommendation relates back to a direct improvement for the social, economic, environmental, and ecological values of a healthy river. Employees maintain this perspective and convey the benefits of this outlook to clients.

Projects include design of river restoration, bank stabilization, fish passage, habitat features, and river recreation features such as whitewater parks and boat passage. Analyses include habitat hydraulics, floodplain delineation and assessment, bridge hydraulics, river erosion, geomorphology, sediment transport, dam removal, and watershed management. In addition to the hydraulic analysis, the EIT would be expected to prepare engineering designs, plans, specifications, quantity take-offs, cost estimates, and comprehensive design reports for all of the above features. Office work is typical 80% percent of the year; however, some field work and periods of travel are required.

To be considered, applicant shall demonstrate the following requisite skillset:

- Strong communication skills, including technical report writing and interaction with clients, stakeholders, and the general public;
- Understanding of hydrologic and hydraulic principles, including hydrologic routing and statistics, river function, open-channel hydraulics, erosion, scour, and sediment transport;
- Strong proficiency with AutoCAD Civil 3D developing grading and creating construction plan sets and exhibits. Experience with GIS software is preferred but not required;
- Experience with one- and multi-dimensional hydraulic modeling software such as HEC-RAS and SRH-2D;
- Experience with field reconnaissance for river and stream projects. Experience with use of survey grade GPS or total station survey equipment in the field would be preferred but not required;
- Master of Science in Water Resources Engineering, Hydraulics Engineering, or other closely related field; and
- Current Engineer-In-Training (Engineering Intern) certification at a minimum.

Ideal candidate would have 2-5 years of engineering consulting experience working on river and stream projects.

At RiverRestoration, we encourage a culture of teamwork and open communication. Individual team members are given the opportunities to develop their engineering careers along their chosen path. Our staff members are:

- Highly competent with strong backgrounds in engineering, science and applied experience;
- Highly productive with the ability to efficiently create a valuable work product;
- Passionate about healthy rivers;
- Dedicated with a strong sense of loyalty to workmates;
- Confident, outgoing, and communicative; and
- Personally healthy in habits and exercise.

To apply, please submit via email a cover letter and resume to [info@riverrestoration.org](mailto:info@riverrestoration.org) that demonstrates the skill set described above. As part of the interview process, candidates will likely be asked to provide example plan sheets and hydraulic reports as well as references.

For more information about RiverRestoration go to: <http://www.riverrestoration.org/>