

## Engineer-in-Training / Staff Engineer – RiverRestoration.org

RiverRestoration is seeking applicants for an engineer-in-training (EIT) or staff engineer position for its Carbondale office in Western Colorado. At RiverRestoration, we base our designs on a river-centric perspective. Our work relates to a direct improvement in the social, economic, and environmental/ecological values of a healthy river. RiverRestoration employees take pride in this perspective, convey the benefits of this perspective to clients, and encourage others in the office to develop this perspective.

The EIT/staff engineer will be involved in projects that include stream restoration, fish passage, aquatic and riparian habitat, bank stabilization, and recreational whitewater features. The EIT/staff engineer will perform analyses such as passage and habitat hydraulics, floodplain impacts, bridge hydraulics, bank and channel erosion, geomorphology, sediment transport, dam removal, and watershed management. The EIT/staff engineer will prepare designs, plans, specifications, quantity take-offs, cost estimates, and reports for all of the above features. Hydrographic survey and field work may be an extensive part of the monthly workload, including trips to remote locations.

To be considered, applicant shall demonstrate:

- ) Understanding of hydrologic and hydraulic principles, including river function, erosion, scour and sediment transport.
- ) Strong communication skills, including technical report writing.
- ) Proficiency with AutoCAD Civil 3D for creating construction plan sets, exhibits, generating hydraulic modeling surfaces, and calculating quantities. Experience with GIS software would be preferred.
- ) 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 would be preferred.
- ) Experience performing construction observations and inspections would be preferred.
- ) Bachelors in civil engineering, environmental sciences, or closely related field.
- ) Masters in water resources engineering, hydraulics engineering, or closely related field.
- ) Current Engineer-In-Training (Engineering Intern) or Professional Engineer (PE) certification.

Ideal candidate will have a Masters in hydraulics/water resources and one to five years of progressive engineering consulting experience working on river projects, including field work using survey equipment and performing construction observations and inspections.

At RiverRestoration we have a strong culture and our staff is:

- ) Highly competent with strong backgrounds in science and applied real world experience
- ) Highly productive with the ability to efficiently create valuable work products
- ) Passionate about healthy rivers
- ) Dedicated with a strong sense of loyalty to workmates
- ) Confident, outgoing, and communicative

To apply, please email a cover letter and 1 page resume to [career@riverrestoration.org](mailto:career@riverrestoration.org).

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