AWR Engineering, LLC
Alaska Water Resources

Overview

AWR Engineering, LLC (AWR) is looking for an entry-level engineer with up to 3 years of experience to join our team. AWR is an engineering consulting firm that provides high-quality water resources engineering for projects across Alaska. AWR primarily works on projects for federal, state, and local governments. Examples of our work include:

- Hydraulic design of highway bridges and culverts
- Erosion protection along rivers
- Flooding evaluations and mapping
- FEMA approvals and no-rise certifications
- Design of Green Infrastructure facilities
- Development of stormwater design criteria and recommendations
- Data collection and performance monitoring of various types of drainage facilities
- Area-wide drainage studies
- Watershed planning and management
- Design of storm drain and related urban drainage facilities
- Fish passage design
- Stream restoration and natural channel design

AWR is a small team of dedicated professionals who are passionate about water resources engineering. We enjoy collaborating and learning from each other as we develop sustainable engineering solutions for our diverse clients and projects. AWR maintains a very high standard for performance and quality, and we focus on good communication both internally and externally to maintain project efficiency and make our clients' lives easier.

The position requires a strong interest in the field of water resources engineering as well as an ability and desire to understand the physical processes that drive hydrologic and hydraulic analyses. The candidate must also be hard-working, highly organized, a self-starter, and be readily able to work both independently and in a team setting. The position will include working under the supervision of a professional engineer with progressively increasing responsibilities over time.

AWR offers a competitive salary as well as vacation and health benefits. We provide a relaxed and collaborative office environment for coming together as team, as well as flexible work schedules and opportunities to work from home, if desired and appropriate.

Position Responsibilities

- Complete hydrologic and hydraulic evaluations in urban and rural environments using a variety of techniques and computer modeling software
- Assist with the design of hydraulic and drainage infrastructure
- Assist with the preparation of written engineering reports and related documents
- Utilize Autodesk Civil 3D to assist with development of plan sheets

- Assist with the development of project specifications
- Utilize ArcGIS to assist with analysis and develop project graphics
- Complete periodic site visits to collect data and document site conditions. This may require occasional travel to remote sites in Alaska.

Minimum Qualifications

- Bachelor's degree in Civil Engineering
- Master's degree in Civil Engineering specializing in water resources
- Successful completion of the Fundamentals of Engineering exam (EIT certification)
- 0 to 3 years of experience in the water resources engineering field
- Thorough computer skills using a Windows operating system
- Proficient with Microsoft Excel, Word, and PowerPoint
- Strong interpersonal and communication skills, including oral and written communication
- Ability to work both independently and with a team
- Strong organizational skills
- Strong analytical skills with attention to detail
- Must be physically able to complete site visits to remote locations, perform moderate hiking, stand and/or sit at a desk as part of a daily routine, and move objects up to 50 pounds.

Preferred Qualifications

- Experience with hydrologic and hydraulic modeling software (e.g. HEC-RAS, SWMM, etc.)
- Experience with Autodesk Civil 3D software
- Experience with ArcGIS software

Position Type: Full time

Location: Anchorage, Alaska

Salary: Varies based on experience and skills

Benefits: Vacation, Health, Flexible Schedule, Work from home opportunities (if desired and appropriate)

How to Apply

Please send your resume with a cover letter to Janie Dusel. Email address: jdusel@awr-eng.com

For more information about AWR, please visit our website. www.awr-eng.com