

STREAMLINE

ENGINEERING

Graduate Engineer – Water Resources

Streamline Engineering (Streamline) is a growing civil engineering firm focused on solving complex drainage, flood risk, and infrastructure challenges for local and state governments, river authorities, and private clients. We deliver exceptional engineering services with a passion for our work and a genuine appreciation for our clients and business partners.

We are seeking a Graduate Engineer – Water Resources to join our San Antonio team. This position is designed for an early-career engineer who wants hands-on technical experience, meaningful responsibility, and the opportunity to work directly with experienced engineers and project managers.

At Streamline, you won't be limited to one small piece of a project. You will have opportunities to work across planning, modeling, design, permitting, and construction while developing the technical and professional skills needed to become a successful Water Resources Engineer and Project Manager.

Our projects include:

- Master Drainage Planning
- Hydrologic and Hydraulic Modeling
- Floodplain Management and Development Permitting
- Drainage and Flood Mitigation Infrastructure Design
- Public Works Infrastructure
- Flood Early Warning Systems
- Construction Administration
- Expert Witness and Technical Support
- Green Infrastructure Design
- Federal and State Grant Program Administration
- GIS and Data Analysis

Responsibilities

As a **Graduate Engineer – Water Resources**, you will work alongside Professional Engineers, Project Managers, and technical staff on a variety of drainage and flood-related projects. Responsibilities may include:

- Develop hydrologic and hydraulic models for watersheds, channels, floodplains, and drainage infrastructure
- Perform engineering calculations and technical analyses supporting drainage and flood mitigation projects
- Assist with the development of HEC-HMS, HEC-RAS 1D/2D, GIS, and other water resources models
- Prepare drainage studies, technical memoranda, reports, exhibits, maps, and engineering documentation



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- Support the design of channels, culverts, storm drain systems, detention facilities, bridges, and other drainage infrastructure
- Assist with floodplain permitting and FEMA-related analyses
- Analyze rainfall, streamflow, terrain, survey, and other engineering data
- Develop GIS datasets, mapping, and project exhibits
- Assist with preparation of construction plans, specifications, quantities, and cost estimates
- Participate in field investigations, site visits, and construction observations
- Coordinate with project engineers, surveyors, environmental professionals, and other project team members
- Support project delivery for municipal, county, river authority, state, and private-sector clients
- Develop technical expertise while working toward increasing project responsibility and professional licensure

Requirements

- Bachelor's degree in Civil Engineering, Environmental Engineering, or a related engineering field
- Engineer-in-Training (EIT) certification or ability to obtain certification
- 0–4 years of relevant engineering experience
- Interest in water resources, drainage, hydrology, hydraulics, and floodplain engineering
- Strong analytical and problem-solving skills
- Working knowledge of AutoCAD Civil 3D and/or ArcGIS preferred
- Exposure to HEC-RAS, HEC-HMS, or similar water resources software preferred
- Strong written and verbal communication skills
- Ability to manage multiple assignments and meet project deadlines
- Desire to learn, take ownership, and grow into increasing levels of technical and project responsibility
- Interest in emerging technologies, including cloud computing, automation, real-time modeling, and data-driven water resources applications. (Preferred- Not required)

Don't check every box? We encourage you to apply. We're looking for engineers with strong fundamentals, initiative, and an interest in water resources. Technical experience can be developed.

Benefits

Health Insurance (12 plan options)

HSA/FSA options

Vision Insurance

Dental Insurance



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Basic Life Insurance

401K (0-3% Full Match; 3-5% Half Match)

100% Vesting Day 1

Paid Time Off (PTO)

8 Paid Holidays

Bonus Eligible

