

WORK ENVIRONMENT

Company:

The Balmoral Group



Company Description:

Headquartered in Winter Park, Florida with offices in Tallahassee, Florida, and Sydney, Australia, The Balmoral Group combines engineering design expertise with economics, environmental analysis and GIS capabilities. Our engineering staff has an excellent reputation for providing high quality consulting services in water resource applications and complex hydrologic and hydraulic modeling using GIS and the latest software. The Water Resources team performs watershed modeling, designs primary and secondary drainage systems for major and limited access roadways, establishes floodplain elevations, performs bridge hydraulics analysis including FEMA No-Rise analysis, and evaluates BMP solutions to alleviate flooding and improve water quality. The Balmoral Group has helped clients draft updated policy and design standards including Low Impact Development, Sea Level Rise and Climate Resiliency, and Watershed Management Program Guidelines and Specifications. The Balmoral Group has a personal, casual work environment with immediate access to decision makers. Employees receive strong mentoring from principals and director-level engineers, and management actively ensures that staff have exposure and cross-training in diverse projects and tasks.

Industry

Engineering/ Economic Consulting

POSITION #1

Job Title:

Water Resources Engineer

Employment Type:

Full Time

Experience:

3-10 years

Job Description:

Seeking a motivated person with 3-10 years of design experience to work with our highly regarded Stormwater and Water Resources team in Winter Park, Florida. The **Water Resources Engineer** position has the opportunity to provide a wide variety of services on challenging small- to large-scale watershed modeling, stormwater and water resources projects including:

- Use GIS, ICPR4, and CatchmentSIM to analyze the existing condition and design proposed stormwater management facility for civil and roadway projects (minor, major, and limited access facilities for CFX, FDOT, and local governments throughout the state of FL)
- Learn cutting edge technology and techniques to develop your watershed modeling expertise
- Perform bridge hydraulics analysis using HEC-RAS and HEC-GeoRAS to set bridge lengths and elevations
- Perform data collection, field investigation and documentation
- Estimating pond sizes and floodplain impacts during Feasibility and PD&E phases
- Evaluating and establishing floodplain elevations on a watershed-scale
- Preparing drainage-related construction plans – drainage maps, pond detail sheets, drainage structure cross sections for roadway improvement projects
- Client interaction and project management duties for more experienced candidates; depending on experience, develop junior staff

The Balmoral Group offers a competitive benefits package including competitive pay, sabbatical leave, flexible hours, health insurance, retirement plan (including company contributions), paid time off (vacations and holidays), paternity/maternity leave, tuition reimbursement, profit sharing, and paid career development (training, professional organization and licensure fees).

Desired Skills and Expertise:

Basic Qualifications:

- B.S. in Civil or Environmental Engineering or related field from an accredited curriculum

- Proficiency with ICPR4 and GIS
- Ability to work independently or in a team environment; Balmoral has a hybrid work policy (currently 2 days in office with your team, 8 days remote each bi-weekly pay period)
- Positive attitude with eagerness to participate in a dynamic work environment

Preferred Qualifications:

- EI or PE registration (or ability to obtain within 6 months of employment)
 - DOT/Roadway drainage design experience, including Microstation and Geopak or AutoCAD Civil 3D
 - Master's degree or interest in pursuing
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