

## **CRIST ENGINEERS, INC.**

### **CIVIL ENGINEER I - JOB DESCRIPTION**

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Crist Engineers, Inc. is a civil and environmental consulting firm located in Little Rock, Arkansas. Our typical projects include general municipal civil engineering projects with specialties in water supply, transmission, treatment, storage and distribution; wastewater collection, pumping, treatment and disposal; systems controls and telemetry; special studies including master development plans, storm water, spill prevention, water and wastewater system modeling, and permitting. We offer competitive compensation and benefits and are searching for innovative people to begin their professional career and join our team.

This is a post graduate Engineer Internship. The Intern will work towards the goal of becoming a Registered Professional Engineer, while receiving on-the-job training, and personalized comprehensive, relevant mentoring to ensure successful career and skill development

#### Civil Engineer-Intern Duties:

- Assist engineers in research, planning, design and construction observation of water and wastewater infrastructure projects.
- Perform conceptual and detailed design calculations and analyses.
- Assist in preparation of detailed engineering reports and supporting documents.
- Assist in preparation of construction drawings, specifications and cost estimates.
- Ensure standard engineering practices and inclusion of appropriate documentation on various reports and design projects.
- Assist engineers with the preparation of NPDES, AHTD, ADEQ, various railroad and other permits.
- Interface with other engineering disciplines.

#### Engineer-Intern Knowledge, Skills and Abilities:

- Knowledge of engineering drawings and principles.
- Familiarity with relevant codes and industry standards.
- Proficiency in AutoCAD Civil 3D and Microsoft Office (Word, Excel, Project) programs.

#### Engineer-Intern Education:

Candidate for BSCE and/or MSCE with special emphasis in environmental water and/or wastewater disciplines preferred.