



R2O Consulting LLC - Water Resource Engineering Intern Job Description

R2O Consulting LLC, headquartered in Cleveland, Ohio, is dedicated to delivering cost-effective, innovative infrastructure solutions that maximize the benefit to the environment and communities in which we work. We specialize in water and wastewater infrastructure including sewer conveyance and open channel systems. In Northeast Ohio, our work in wastewater infrastructure renewal is helping to reduce combined sewage overflows to Northeast Ohio's receiving streams which ultimately improves the water quality in Lake Erie.

R2O Consulting is a fast-growing and dynamic firm with a seasoned leadership team. Through the recent acquisition of Water Resources and Coastal Engineering, Inc. (WRCE, Inc.), we are looking to grow our team of top-notch engineering talent. R2O is seeking multiple candidates for positions as Water Resources Engineering Interns, with a near-term start date of June 2022. Although there is no guarantee, offers of permanent employment are often given to R2O Interns upon successfully earning of bachelor's degree in Civil Engineering.

Candidates must be highly motivated, working toward a Bachelor's degree in Civil or Environmental Engineering (with significant course work in hydraulics/hydrology) and some prior employment experience. Candidates with additional experience will also be considered. In addition to a good knowledge of hydrology and hydraulics, strong written and verbal communication skills and a strong work ethic are also required.

A desirable candidate will possess some knowledge of the following through their successful completion of at least 2 years of undergraduate coursework:

- Hydraulics/Hydrology
- Fluid mechanics
- Advanced mathematics (Algebra, Calculus)
- AutoCAD, or Civil3D
- GIS/python scripting

Typical responsibilities include:

- Assisting engineers with planning and design work for wet weather infrastructure projects
- Assisting water resources engineers with developing and calibrating hydrologic and hydraulic models
- Developing GIS maps and databases
- Supporting engineering calculations and supporting analyses of alternatives
- Supporting technical writing assignments on studies, letters, plans, specifications, and permits
- Assisting with the preparation of project proposals
- Assisting the Project Manager as needed
- Maintaining a safe and positive work environment

Interested candidates should email their resume to Jessica Lee, R2O Business Manager (LeeJM@R2OConsulting.com)