

Wessler Engineering is currently accepting resumes for an Electrical Engineer Intern at our Indianapolis, IN office. This position will assist in the planning, design, and construction administration tasks for electrical power distribution for water and wastewater infrastructure.

The following is a list of potential tasks that each intern will be tasked with completing during their tenure with us:

- Design power distribution systems, primarily for low-voltage applications, with occasional involvement in medium-voltage systems.
- Develop electrical plans, site layouts, details, and one-line diagrams using Revit and Civil 3D.
- Perform lighting layouts and photometric calculations for facility and site lighting.
- Coordinate with utility providers for service connections and requirements.
- Visit sites to gather information for electrical design.
- Conduct follow-up visits to verify compliance with project plans and specifications.
- Estimate costs and quantities for electrical equipment and materials.
- Manage and update electrical specifications to meet project-specific requirements.
- Assist in the design and review of SCADA/control systems for water and wastewater processes.
- Perform motor load calculations and size generators.
- Attend vendor presentations to learn about emerging technologies and industry trends.
- Work with other engineering disciplines as needed to get a well-rounded experience of the water and wastewater industry as it relates to electrical and controls.

Requirements:

- Be in pursuit of a Bachelor of Science Degree in Electrical Engineering from an accredited institution
- Team-oriented with excellent communication and organizational skills
- Ability to successfully complete tasks independently, with guidance from managers and technical experts
- Experience with Revit and Civil 3D for electrical design and layout
- A strong interest in applying electrical engineering skills to water and wastewater infrastructure projects

Please contact:

Jennifer Landis | Employee Engagement Coordinator,

email address: JenniferL at wesslerengineering.com

Wessler Engineering, Inc.

6219 South East Street, Indianapolis, Indiana 46227