

Co-Op in Electrical Engineering, Lexington, Kentucky

The Company:

A small, dynamic, and growing company in Lexington, KY is seeking a motivated engineering co-op student who is not averse to hard work and can be self-directed. The firm predominantly works as a consultant in the power, process, and other heavy industries. We do a broad variety of work and are typically involved as a customer's engineer. The work is cyclical, with stretches of long hours, broken by lulls that allow for catching up around the office. Best of all, you will work directly for the owner, which means the total absence of corporate politics and indecision that may be present in larger companies.

Position Responsibilities:

The position will give the candidate a broad variety of work experience, beginning with assisting a professional engineer with project work. This will include:

- AutoCAD drafting of electrical drawings, using AutoCAD LT.
- Preparation of wiring and circuit diagrams, schematics, and other diagrams, including some site visits.
- Preparation of project documentation and technical notes.
- Assistance with the office IT needs.

Additionally, as the co-op grows in experience, other involvement may include assistance to an engineer in the following areas:

- Contractor scopes and bid document preparation.
- Equipment specification and procurement.
- Assist with overseeing project work on-site.
- PLC and hybrid DCS system programming.
- Preparation of operations procedures and manuals and other technical writing.
- Research and preparation of asset studies for customers.
- Other duties, as directed.

The small size of the employer gives the co-op the opportunity to gain greater breadth and depth of experience than with many larger firms or manufacturing companies.

Compensation/work environment:

Informal work setting and tight-knit office environment with some trips to the field. Pay and benefits include:

- Fair hourly pay, with the potential for some overtime, depending on firm workload.
- Potential for some travel and good travel reimbursement.
- Work under a licensed engineer, giving experience that may apply toward the acquisition of PE license.
- On the job training will be provided in various areas, such as drawing reading and design, National Electric Code and PLC programming.
- Potential for rotating school semester (non-co-op) part-time work.

Education / Experience requirements:

- Pursuit of Bachelor's degree in electrical engineering, plus participation in school co-op for credit program.
- Aptitude with computer software, hardware, networking, etc.
- AutoCAD experience and/or drafting class is preferred.
- Willingness to work varied and long hours, depending on customer needs.

How to Apply:

e-mail the following to co-op-job@mooreventures.com:

- Resume with work history references.

It would be helpful if the following were also included with the application e-mail:

- Technical writing sample (maximum of 1 page). Writing from a previous class will suffice, but the work should be entirely of the student's and not the product of a group project.
- Sample CAD drawing, created by the engineering candidate.