



Electronics Design Engineer Chemtrac, LLC Norcross, GA

Job Summary

Chemtrac, LLC is seeking a full-time **Electronics Design Engineer** to join our Product Development & Support team in Norcross, GA. Applicants should hold an Electronics Engineering degree (or comparable), and be specialized in electronics hardware and embedded firmware design.

As an electronics design engineer, you will utilize your experience and talents to provide engineering, design, and development support for new products, as well as troubleshoot/debug, and provide improvements to existing products. You will work closely with company management and the production team providing electronics related guidance and technical advice.

Requirements

- Bachelor's degree in electrical or electronics engineering, or comparable
- Greater than 5 years of experience specializing in embedded systems architecture, consisting of mixed signal circuit design and firmware development
- Hands-on breadboarding and prototyping skills
- Knowledge of schematic capture and printed circuit board layout tools
- Proficiency with electronics laboratory tools (e.g., oscilloscopes, multimeters)
- Capable of soldering fine pitch surface mount components
- Ability to work independently as well as in a team environment

Preferred Qualifications

- Experience with analog and digital circuit design for analytical instrumentation
- Familiar with communication protocols (Modbus RTU, Modbus TCP, PROFIBUS, etc.)
- CAD proficient
- Experience with low power lasers, laser drive circuitry, and photodiodes
- Familiarity modeling circuit and system behavior
- Knowledge of power electronics design
- Experience in control systems theory and design
- Proficient using ANSI C/C++
- Experience with git workflows
- Experience with compliance testing and global certifications (e.g., UL, CSA, CE)

Salary & Benefits

Salary depends on past work experience. Available benefits include medical, dental, vision, short & long-term disability, life insurance, and 401K. Chemtrac also institutes a company-wide profit-sharing program paid out at the end of each quarter.



About Us

At Chemtrac, we are dedicated to designing, manufacturing, and selling high quality analytical instrumentation to meet the needs of our customers. Founded in 1985, we have globally established ourselves as a reliable solutions provider in the water treatment industry, as well as other industrial markets.

We are located in the Metro Atlanta area. Understanding that our employees are essential to our success, we hire smart, talented, and innovative people...and once they land here, they tend to stay with us (current average tenure is 15 years).

We offer a competitive salary, an ample benefits package, career growth opportunities, and a desirable work environment. Come join our team!

Chemtrac, LLC does not discriminate on the basis of race, color, religion, national origin, sex, age, disability, veteran status, or other status protected by law. It is our intention that all qualified applicants will be given equal opportunity and that selection decisions will be based on job-related factors.