

Electrical/Hardware Engineer (Full Time)
Design, development, testing of electrical systems and subsystems
Location: Beavercreek, Ohio

If interested, please send your resume to: miranda@dangelotechnologies.com

Who we are:

D'Angelo Technologies, LLC (D5T) is a rapidly growing Woman Owned small business that specializes in engineering services and research and development (primarily for the Department of Defense). D5T has an exciting opportunity open for an electrical engineer to join our team. As a dynamic and growing small business, D5T is dedicated to supporting their DoD and commercial customers and providing the best technological solution to meet their needs. D5T has a strong teaming relationship with many industry partners including large commercial businesses, other small businesses, and multiple universities.

Job Description:

D5T is looking for an electrical engineer to join the team in Beavercreek, Ohio. This position is a dynamic and fast-paced opportunity that integrates many facets of engineering disciplines. In this position, you will have the opportunity to contribute to the design, development, and implementation of electrical design systems including circuit designs, sensor selection and integration, aircraft wiring and avionics troubleshooting, and continuing research and development. Projects include finding solutions for DoD platform wiring electrical failure, leading edge sensor integration, system health monitoring, medical device development, and electrical and electronic support to other teams.

As an electrical engineer at D5T, you will work with a multi-disciplinary team of engineers who are directly involved in the design, development, testing, and implementation of product based solutions stemming from R&D efforts for government and commercial customers. An ideal candidate will also support the development of new business efforts in these areas.

Major Responsibilities / Job Duties:

- Work both independently and collaboratively to design, develop, and test new electrical/electronics systems including board design, wiring diagrams, and assembly of prototype assemblies
- Development of bill of materials, cost analysis, tradeoff analyses
- Collaborate with engineering team for design reviews (optimization)
- Demonstrations and field testing at customer sites
- Present work to clients, internal teams, and subject matter experts (presentations and summary reports)
- Present project status at customer program reviews, submit summary reports, put together sprints to align with project deadlines, and support development of proposals for new business efforts
- Design and test embedded software applications
- Use industry standard best practices in the development cycle and work with customers to define specifications and requirements
- Lead team integration of hardware and software
- Work with the engineering team to define design constraints for project concepts

Candidate Skills and Experience:

Required

- B.S. Degree in electrical engineering with demonstrated work experience
- Knowledge and experience with hardware and software interface development
- Ability to perform work independently and meet deadlines
- Creative problem-solving and attention to detail
- Strong communication skills and technical writing ability
- Knowledge of embedded communication protocols (e.g. CAN, UART, I²C and/or SPI)

Desired:

- Master's degree in electrical engineering
- Experience with application development and computer programming knowledge
- Experience designing printed circuit boards and signal processing circuits
- Experience with cable design, device physics, interconnects, and non-invasive testing

Applicant must be a US Citizen