

Authentix® Open Position

Position Title: Senior Electrical Engineer

Report to: Electrical Engineering

Location: Addison, TX

Company Description:

Authentix®, the global leader in authentication, provides brand protection, excise tax recovery, and traceability solutions to governments and Fortune 500 companies around the world. Since 2003, Authentix has helped safeguard clients in the oil and gas, pharmaceutical, spirits, tobacco and consumer goods industries from counterfeiting, smuggling and adulteration issues. In addition, Authentix protects the currencies of six G8 central banks. Innovative nano-scale engineering, traceability expertise and cutting-edge sensor knowledge help Authentix create effective customized solutions that address each client's needs. For more information visit Authentix.com.

Position Overview and Definition:

The Electrical Engineer will be responsible for the specification, design, fabrication and test of authentication devices. Ideal candidates will have a diverse range of hardware design experience; 50% digital design, schematic capture (OrCAD), 50% analog circuit design, and one who can work within timelines.

Functional Description:

- Specify, design, implement and test digital, electro-optical, and analog systems. These systems are low power, battery operated, electro-optical instruments that authenticate products.
- Work closely with other hardware and software team members to specify, architect and refine designs.

Candidate Competencies:

- HW specification/architecture definition experience.
- Digital and Analog circuit design skills.
- Excellent technical problem solving skills.
- Excellent written and verbal communication skills.
- Experience with electrical CAD software required. ORCAD software preferred.
- Proficiency in Microsoft Office applications
- Ability to work independently in a fast-paced, multi-tasking, small company environment

Education and Experience:

- Bachelor of Science in Electrical Engineering required
- Minimum of 5 years of experience in product design and development

Additional Factors Resulting in Added Consideration:

- Experience in the following areas:
 - Precision optical instrumentation

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- Electro-optical systems
- Hand-held and battery-operated devices
- Switching power supplies
- Embedded processors
- Lasers and high-power LEDs drives
- Statistical analysis
- Having experience writing code for an embedded processor is a plus