



Employment Opportunity: Electrical Engineer

Summary

Next Dimension Technologies, Inc. is seeking an electrical engineer to assist in the development of prototypes for array-based vapor sensing products. Candidates must have a solid background in analog and digital circuit design at the printed circuit board level. The ideal candidate will have experience designing low-noise detection systems and low-power battery devices, though specific experience in these areas is not as important as the ability to come to speed quickly. Qualified candidates will work in a cross-functional team with scientists and engineers and must be capable of independently leading hardware design efforts and building final prototypes. A minimum of a B.S. in electrical engineering and 2 years experience is required.

Key responsibilities

- Design, develop, and test electronic prototypes of array-based vapor sensing equipment
- Coordinate with outside vendors to perform design, manufacturing, testing, and related tasks
- Troubleshoot and diagnose problems in prototype systems
- Prepare documentation, including written requirements, design specifications, schematics, assembly drawings, verification test plans and test reports, and instructional documents for customers and end-users
- Provide direction and oversight to electronics technicians
- Collaborate with team members to shape and ensure compliance with design requirements

Salary

Salary will be commensurate with experience, and a full benefit package is included.

Company background

Based in Southern California, Next Dimension Technologies is a dynamic start-up company developing detection solutions for chemical sensing applications. The company's array-based sensor technology combines state-of-the-art composite materials with advanced sensor design and signal processing to provide exceptional sensitivity and selectivity towards a wide range of chemical vapors. The company's technology offers solutions to a broad range of industries such as homeland security and medical diagnostics.

Next Dimension Technologies is an equal opportunity employer and considers qualified applicants for employment without regard to race, gender, age, color, religion, disability, veteran status, sexual orientation, or any other protected factor.

Please send all resumes and inquiries to ndt_jobs@nextdimensiontech.com