



Senior Product Engineer

Lelantos is a technology startup revolutionizing the field of gas sensing by developing a new generation of Internet-of-Things compatible gas sensors for high value applications targeted to environment and air quality monitoring, threat detection and medical diagnosis. We are looking for a passionate, highly motivated engineer to join our fast growing team in New York City, working on cutting edge sensing technologies that enable a safer, healthier and more sustainable world. We are recruiting candidates who have demonstrated leadership and excellence throughout their careers and are excited by the prospect of tackling challenging, boundary-pushing technical problems. This is a unique opportunity to enter a high-growth startup company where you can make a major contribution to meaningful decision making at the leadership level and significantly impact the culture of the team we are building. Above all, we're looking for the right person with skills and talent to grow the company together all while enriching your professional and scientific experience.

Responsibilities & Duties

- Leads the development of novel gas sensing technologies
- Designs and builds experimental testing setups
- Assembles and characterizes gas sensors
- Develops scalable manufacturing processes for integrating sensing materials
- Presents at conferences and expos, interacts directly with customers

Required Qualifications & Skills

- BS in Electrical, Mechanical or Chemical Engineering, Material Science, or Physics
- 2+ years of hands-on lab work experience in a research oriented environment focused on assembling and testing electronic hardware components / semiconductor devices, interfacing measurement tools using Matlab/Labview/Python
- Organized, with great attention to detail, a high level of problem solving and troubleshooting skills

Preferred Qualifications & Skills

- MS or PhD in Electrical, Mechanical or Chemical Engineering, Material Science, or Physics
- Design, fabrication and testing of semiconductor devices with focus on gas/chemical sensing
- Microfabrication techniques (e.g. PVD, CVD, wirebonding)
- Multiphysics simulations (e.g. Comsol, Ansys)

Salary & Benefits

- Salary: \$80,000 - \$120,000
- Meaningful stock ownership
- Flexible working hours
- Health insurance
- Flexible paid time off
- Friendly, collaborative and innovative work environment
- Career growth and professional development opportunities

Additional Info

- Location: New York City | On site