

Job title: Electrical Engineer
Company: NODAR Inc.
Type: FULL-TIME
Location: Boston, MA, USA

NODAR Inc., a MIT-alumni startup, is seeking an Electrical Engineer in support of Autonomous Vehicle 3D Sensor Solutions. This position will be located with our team in Boston, MA.

POSITION SUMMARY:

NODAR Inc. is building next-generation solid-state 3D sensors for the automotive market and needs an Electrical Engineer to help us design, optimize, evaluate, test, and perfect the electrical system, which consists of both analog and digital circuits. The ideal candidate is a bright, self-motivated individual that can quickly adapt to a fast moving industry, thinks outside the box, can quickly execute engineering tasks with little guidance, foresee problems before they manifest, and excited about building automotive-grade sensors.

The Electrical Engineer's primary responsibilities will include:

- Architecture, link budget analysis, and high-level thinking. Being able to derive specifications from high level requirements.
- Laser driver circuit design
- FPGA, ASIC, SoC digital design. VHDL or Verilog.
- Mechanical solid modeling of enclosure and heatsinks and/or managing the mechanical package design. Electrical and mechanical design development needs to be tightly co-developed.
- Programming. Python, C/C++. Familiar with modern software tools such as Git, Docker, Virtual Machines, and comfortable writing code.
- Ensuring efficient use of resources
- Interfacing with suppliers, vendors, and partners

The successful candidate will:

- Report to the Head of Engineering
- Need to work independently
- Take initiative to explore, learn, and implement innovative technologies within the business in order to improve the products
- Consistently deliver projects on-time with quality
- Travel as required, up to 15%

QUALIFICATIONS:

- M.S. or M.Eng. and 5 years of related experience, or Ph.D.
- Proven track record of successful technical success
- Ability to use engineering tools and programming languages to effectively complete projects
- Ability to quickly learn new things, and work comfortably in a constantly evolving environment.
- Work effectively with a cross-functional team

The ideal candidate will have experience in

- Optics and laser systems
- 3D sensors
- Startup environments
- Experience working directly with the automotive community
- Familiarity with ASICs
- Familiarity with CoB and IC packaging

If you are interested, please submit a cover letter and resume to info@nodarsensor.com and indicate your availability for a call.

NODAR OVERVIEW:

NODAR is an early-stage tech startup and manufacturer of 3D sensors to take every car to Level 5 autonomy. Headquartered in Boston, Massachusetts, NODAR is located in a hub of innovation, vitality, and activity. For more information, visit www.nodarsensor.com.