

## Software Engineer

Sense photonics aspires to be the world leader in LiDAR technologies. We are developing the next-generation technologies that will change how the world sees its environment in diverse applications such as self-driving cars, robotics and UAVs. As a software engineer, you will work on a variety of projects that are critical to Sense Photonics needs with opportunities to write low level code for the sensor to writing custom code for a customer. We need our engineers to be versatile, display leadership and be enthusiastic to take on new problems across the full stack as we push technology forward.

### Responsibilities

- Design, develop, test, deploy, maintain and improve software.
- Manage individual project priorities, deadlines and deliverables.

### Qualifications

Minimum qualifications:

- BS degree in Computer Science, similar technical field of study or equivalent practical experience.
- Professional software development experience in C++ and Python.
- Experience working with two or more from the following: LiDAR, computer vision, close range photogrammetry, IOT and/or point cloud processing.
- Working proficiency and communication skills in verbal and written English.

Preferred qualifications:

- Master's, PhD degree, further education experience in engineering, computer science or other technical related field.
- Experience in one or more of the following, but not limited to: ROS, OpenCV, Halide, AUTOSAR or PCL.
- Experience with Linux, TCP/IP and network programming.
- Experience developing well tested and optimal code.

### ABOUT US

We are passionate about building the next generation of LiDAR systems for autonomous vehicles, UAVs, industrial automation and many other applications. Our core technology – protected by over 200 patents – enables a simple, high-performance, solid state solution with no moving parts that can uniquely meet the rigorous performance, reliability and cost requirements of the automotive industry.

Sense Photonics was founded in 2016 and is based in Research Triangle Park, NC. We are backed by several top tier venture capital firms and have already developed strong customer traction for our solution. We are building an innovative world-class company that designs and builds the world's best 3D sensors. Sense Photonics is also an equal opportunity employer – all applicants will be given equal consideration.