



ALung Technologies, Inc.
2500 Jane Street, Suite 1
Pittsburgh, PA 15203

Position Title: Senior Software Engineer

Department: Engineering

Reports To: Senior Vice-President, Operations

Exempt/Non Exempt: Exempt **Last Reviewed Date:** July 30, 2015

POSITION SUMMARY:

ALung is an early stage medical device company working on a revolutionary new respiratory assist device that is currently marketed in the European Union and other non-USA countries. We are looking for an experienced software engineer to join our team and assist with ongoing product development activities. As a member of a small and focused engineering team, the candidate will have significant responsibility and make significant contributions across the breadth of our product and processes.

KEY RESPONSIBILITIES:

- Develop and maintain all aspects of the ALung's software through the full software development lifecycle
- Actively drive adherence to all regulatory requirements and processes.
- Support the development environment and toolsets – bug tracking, source code control and build process.
- There is occasional travel (< 5%) including some overnight required for this position.

POSITION QUALIFICATIONS:

- B.S. in Computer Science, Computer or Software Engineering required, M.S. is a plus.
- A minimum of five years industrial experience in medical devices product development is required (FDA and/or EU standards).
- Minimum 5 years experience with embedded programming in C and/or C++.
- Hardware driver development for embedded systems a plus.
- Experience with Windows .NET C# development a plus.
- Results oriented self starter who can identify necessary goals and actively pursue them.
- Experience with writing formal software process documentation: software requirements, design documents, test plans and reports.
- Strong analytical skills, writing skills, communication skills and attention to detail required.

POSITION DIMENSIONS:

- Candidate will be an individual contributor with potential for advancement as company grows.
- Candidate will provide input to development schedules, and be expected to meet them in a fast-paced, lean operating environment.
- Candidate is expected to use sound independent judgment to drive a project from initial conception through implementation.
- Ideal candidate will be comfortable and competent with handling authority and making decisions.
- Decisions and actions of candidate will directly impact the design and development of medical devices. Considerable resources will be allocated as a result of candidate's efforts.