



Director of Engineering

Overview:

Whooshh Innovations is currently hiring for the position of Director of Engineering to lead our innovative engineering and design team. You will be working alongside innovative colleagues focused on solving challenging selective fish passage problems. The Director of Engineering is expected to oversee the growth of the team as we grow our business. This will require creating development road maps, budgeting and identifying hiring needs. The Director of Engineering will implement and drive design plans and oversee development processes and outsource manufacturing plans.

Responsibilities

- Lead engineering team
- Scale up engineering organization
- Budget planning and creating hiring plan
- Implement and drive design & development processes
- Scale up manufacturing and after sales organizations

Required Experience

- Experience leading from concept to production.
- Experience building, growing and managing a team of engineers
- Experience scaling up an organization
- Excellent understanding of engineering fundamentals
 - Statics, Fluids, fatigue, mechanics of materials
- Excellent communication skills
- Ability to create development plans in ambiguous and emerging market situations.
- Comfortable working across multiple disciplines: Mechanical Design, Manufacturing, Automation, 3 phase power systems.
- Understanding of many manufacturing processes related to industrial systems: sheet metal fabrication, CNC machining, casting, injection molding.
- Automation Experience
 - Sensors, actuation, control system architecture.
 - Knowledge of system architecture required but not experience with panel design etc.
 - Familiarity with SCADA, Siemens, AB etc.
- Budget & project management responsibility
- 10+ yrs of mechanical engineering or similar experience
- 5+ years in an engineering leadership role

- Developing & recruiting talent
- Establishing engineering process & documentation
- Tolerance Analysis

Preferred Experience

- Automated control systems design & specification
- Soft materials design & analysis
- Industrial control system design
- Solidworks & PDM
- Sheet metal manufacturing techniques

About Whooshh

Whooshh Innovations is a Seattle based emerging growth company focused on utilizing technology and data to restore our waterways and protect our fisheries. Whooshh is revolutionizing fish passage, fish handling, and seafood processing through our proprietary technology—moving fish more cost-effectively, reliably, and gently. Here at Whooshh, we know that technology can accelerate the restoration of our fisheries for future generations while assuring a cleaner planet today.