

27 SEP 2018

Systems Engineer

Avwatch, Inc.

Plymouth, MA

Avwatch is a Service-Disabled Veteran Owned Small Business (SDVOSB), which harnesses innovative and proven technologies to support, enhance, and train Federal, state and local government agencies in support of homeland security and disaster recovery. The company's unique airborne platform permits homeland security professionals the freedom to interact directly with aircraft, generate requested flight routes, specify data to be collected and precisely control the onboard camera sensors. Avwatch maintains its headquarters at the Plymouth, MA Municipal Airport and serves a national client base.

United in pride and shared goals, Avwatch employees come from diverse backgrounds and work together to deliver reliable, innovative and affordable solutions. If you are a dynamic, successful, driven professional, Avwatch can further your experience and career growth. We offer a highly competitive salary, comprehensive benefits including, medical, ESOP, tuition reimbursement, and much more.

Avwatch is currently looking for a Systems Engineer to work at our headquarters located in Plymouth, MA. This is a full-time position.

Role Description & Responsibilities:

- Design, develop, and test existing products as well as new products under the guidance of senior level Avwatch staff.
- Document the design and development of Avwatch products.
- Work with Avwatch's manufacturer to ensure deadlines are met and to communicate design changes.
- Travel to customer locations to set up, install, and test both customer and Avwatch products.
- Design custom electrical and mechanical solutions to meet each customer's specific needs.
- Construct Mobile Ad hoc Networks (MANETs) as required (training provided) for customers.
- Testing of new RF equipment and antennas, which may include flight testing in general aviation aircraft.
- Troubleshoot, maintain, repair and/or fabricate networking equipment.
- Will work extended hours as needed.
- Travel required, locally and remotely: 25-50% of the time, travel expenses covered by Avwatch
- Some lifting required, up to 50 lbs.

Education/Certifications:

- Bachelor's degree in electrical engineering, systems engineering, or electromechanical engineering.
- Minimum 3.0 GPA on a 4.0 scale.

Skills & Qualifications:

- Must qualify for DoD Secret Clearance
- Ability to use standard tools and shop equipment.
- Experience using a 3D CAD software, preferably Solidworks.
- Knowledge of both AC and DC power systems.
- Basic computer skills and Microsoft applications experience required (such as Word, Excel, Access, Outlook and SharePoint)
- Ability to work in fast paced, high stress environments.
- Ability to work both with minimal supervision and in a team.
- Strong math and analytical skills.

- Strong written and verbal communication skills.

Preferred Skills/Experience:

- Prior internship experience preferably in the RF or Aerospace fields.
- Experience with IP based hardware.
- Experience writing and editing code in Python.
- Experience designing, manufacturing, and documenting MIL-STD cables and wiring assemblies.
- Aviation experience: private/commercial pilot.
- Mobile Ad hoc Networking (MANET) experience.
- Experience with Wave Relay, Silvus or Trellisware.

Competencies for Success:

- Ability to multitask and prioritize
- Ability to work independently
- Ability to work in a dynamic, fast paced, diverse environment
- Strong problem solving skills
- Positive individual who is willing to expand current skill set, through schooling and training
- Strong interpersonal communication skills with ability to work with others at all levels of the organization
- Strong attention to detail and accuracy
- Initiative, self-starter, adaptable, and high motivation for excellence
- High energy, results oriented, self-motivated / self-reliant, team player

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Equal Opportunity Employer M/F/V/D

Please respond to job posting on Indeed.com