

Appareo Systems

Hardware Design Engineer - Embedded Systems

Posted: 1/1/2008

Closes: 2/29/2008

1 position available.

Start Date: ASAP

Location: Fargo , ND

Salary: DOE

Job Type: Full Time

Hours: 40+



Job Description:

Appareo Systems, LLC develops custom solutions in the emerging field of augmented reality, capitalizing on the ever increasing capabilities and decreasing costs of MEMS sensors, embedded electronics systems, sophisticated sensor fusion software algorithms and advanced 3D graphics software; and by doing so establish a leadership position in this exciting new field. Appareo currently produces custom developed products for the Aerospace Industry using inertial navigation technology, GPS, 3D graphics and web-based analysis software suites.

SUMMARY

Appareo Systems is a rapidly growing company located in the NDSU Research & Technology Park looking to expand its electronics design team. Appareo is searching for highly-motivated individuals who want to become part of the team. Core activities will include providing hardware design services in electronics engineering for embedded systems throughout the entire project cycle to include design, development, and project completion.

PRIMARY RESPONSIBILITIES

- Prepare engineering analysis of projects to include: preliminary design, calculations
- Conduct research activities including, exploration and selection of new components
- Prepare and interpret schematic drawings, layouts and other visual aids
- Prepare technical design specifications
- Perform embedded hardware design activities including component selection, schematic generation, bills of materials and prototype test
- Manage documentation release process
- Manage project issues, budgets, and schedules
- Review and critique proposed changes to engineering standards, policies, or details
- Review development plans for compliance with adopted engineering standards and good engineering practices
- Meet with the general public as required
- Coordinate the activities of subordinates
- Other duties as assigned

ADDITIONAL RESPONSIBILITIES

- Provide technical presentations as required
- Provide on-the-job training to new staff

KNOWLEDGE AND SKILL REQUIREMENTS

- BS EE
- Experience with Mentor Graphics Software preferred
- Proficiency in MatLab Software preferred
- Emphasis will be placed on candidates with a background in Circuit Board Layout and working knowledge of signal integrity issues
- Work requires travel to meetings, site visits, and so on (This requires the possession of a valid state drivers license within 60 days of employment)
- Work requires willingness to work a flexible schedule

WORKING CONDITIONS

Working conditions are normal for an office environment. Work requires local travel. Work may require evening and weekend work.

BENEFITS

- Health Insurance through BlueCross BlueShield of North Dakota
- 401(k)
- Paid Vacation
- Flexible Hours
- Competitive Salary
- Paid Training
- Upward Mobility

Resumes may be e-mailed to:

awalter@appareo.com

Contact Information

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