

JOB ID: 09-056

LOCATION: DAHLGREN, VIRGINIA



HUMAN FACTORS / SYSTEMS ENGINEER

POSITION SUMMARY:

A successful candidate will serve as an Entry-Level Human Factors / Systems Engineer for a DOD Weapon System Program.

POSITION RESPONSIBILITIES:

- Evaluate existing software for Usability and Task Flow concerns
- Participate in User / Subject Matter Expert sessions, collect feedback and propose design changes to meet operator needs
- Work closely with Software Engineers to evaluate and provide solutions to software Problem Reports (PRs)
- Design hardware interfaces and input devices to meet operator needs, in accordance with applicable Military and Industry standards
- Develop and revise System Requirements
- Participate in Systems Engineering activities throughout the system development and testing process
- Develop and update Systems Engineering documents such as Requirements / Specifications, Interface Requirements and Interface Design Documents
- Develop and update operator documentation such as Training, Operator Manuals and Troubleshooting Guides
- Support configuration management and change control processes

ESSENTIAL SKILLS AND EXPERIENCE:

- Bachelors degree in Human Factors Engineering, Systems Engineering or a related field
- Relevant coursework in Human Factors, Usability, Task Analysis and/or Ergonomics
- Knowledge of problem solving techniques necessary to perform professional scientific/engineering work
- Quick learner with attention to detail
- Excellent written and oral communication skills
- Ability to obtain DoD Secret level clearance or higher

PREFERRED SKILLS AND EXPERIENCE:

- GUI Design or Usability Evaluation experience (Internship, Capstone or Project)
- Background in Electrical Engineering as it applies to Interface Design Documents
- Familiar with Human Factors MIL Standards