



Engineer

Electrical, Systems, or Mechanical Engineering with a focus on Robotics and Automation

Duties:

The employee will support the development of novel autonomous behavior and control solutions for robotic, unmanned, and mechatronic systems for the U.S. Army and Department of Defense robotic applications. This position requires working as part of a multidisciplinary science and engineering teams doing cutting edge research and technology development to support the Army Modernization efforts.

Due to the nature of the work, the employee will be expected to work onsite in a laboratory environment at least 75% of their time.

Assignments in the following areas will gradually increase in complexity as the incumbent increases knowledge and skills through work experience and academic training:

- 3D World model generation, cost map-based path planning
- Geodatabase design
- Robot perception
- Robot localization
- Development of computer code and hardware implementation
- Development of Machine Learning/Artificial Intelligence based control algorithms and their implementation
- Robotic Operating System

The employee will prepare a variety of documents to include but not limited to technical reports, manuals, briefing slides, and technical publications such as conference proceedings or journal articles.

Level/Salary Range: DB2 (Equivalent to GS 5-11).

Level placement depends on the candidate's experience, education, and other qualifications.

View General Schedule (GS) ranges [here](#).

