



JOB DESCRIPTION

Skillbridge Internship: Machine Intelligence

Hiring Manager: Laura Seaman

Position Description:

The Machine Learning Engineer designs and implements machine learning (ML), artificial intelligence (AI), and data science tools to projects spanning various domains. Works on exciting, diverse, cutting-edge R&D projects in a wide range of fields including data-intelligence, generative AI, predictive maintenance, bioinformatics, and more. We are seeking a SkillBridge Intern with the Department of Defense (DoD) to work within the Machine Intelligence group.

Location: On-Site – 555 Technology Square, Cambridge, MA 02139

Start Date: Immediately

Responsibilities:

- Designs and develops AI models to meet project requirements.
- Analyzes and improves AI model performance.
- Applies ML and deep learning technologies to give computers the capability to visualize, learn, and respond to complex situations.
- Collaborates across departments and with customers to define requirements and understand business problems.
- Seeks out opportunities to learn new technical skills.
- Reviews task-level requirements and assumptions and works to solve well-defined problems with guidance.
- May perform independent and team-based research with guidance.
- Asks for help when needed and seeks out resources for solving problems. Delivers on commitments and clearly communicates any challenges.
- Desire to learn about customer missions.
- Works to improve operations at the task and individual contributor level. Identifies areas for improvement and brings them to the attention of task or group leadership.
- Performs other duties as assigned.



Qualifications:

- Excellent analytical, mathematical, and problem-solving skills.
- Strong ML/AI software development skills (Python, MATLAB, R, C++, JAVA) including software best practices like version control (git).
- Team player.
- Excellent organizational skills and attention to detail.
- Excellent time management skills with the proven ability to meet deadlines and prioritize tasks.
- Excellent verbal and written communication skills.
- DOD SkillBridge Eligibility:
 - Has served at least 180 days on active duty
 - Is within 12 months of separation or retirement
 - Will receive an honorable discharge
 - Has taken any service TAPS/TGPS
 - Has attended or participated in an ethics brief within the last 12 months
 - Received Unit Commander (first O-4/Field Grade commander in chain of command) written authorization and approval to participate in DoD SkillBridge Program prior to start of internship