



<b>Job Title:</b>	<b>Senior Member of the Research Team</b>	<b>Job Function:</b>	Technical Project and Algorithm Lead
<b>Department/Group:</b>	Technical	<b>Min Education:</b>	B.S., M.S. preferred
<b>Position Type:</b>	Full-time/Part-Time	<b>Min Experience:</b>	2-5
<b>Location:</b>	Boston, MA - Remote	<b>Travel Required:</b>	0-10%
<b>Citizenship:</b>	<b>US Citizenship Required</b>	<b>Date posted:</b>	September 2022

**Applications Accepted By Email:** [CAREERS@BARNSTORMRESEARCH.COM](mailto:CAREERS@BARNSTORMRESEARCH.COM)

### Job Description

Be part of an advanced research and development team providing innovative solutions for national defense needs. Barnstorm Research focuses on distributed, multi-domain command and control, modeling and simulation and decision-support tools. As part of our team, you will be responsible for: designing, implementing testing and analyzing advanced planning, data analytics and machine learning algorithms. You will also contribute to and participate in customer meetings, technical marketing and proposal preparation.

Barnstorm Research adheres to agile development practices. You will be involved in all aspects of sprint execution, including capability planning, algorithm development, software development and testing.

Barnstorm Research is a distributed company where you will perform your duties remotely from your hometown (within the U.S.).

### Job Requirements

- Lead Small Teams and Interact with Customers
- Lead Algorithm Development and Implementation for Small to Medium Efforts
- Support Business Development/Marketing Efforts for Defense
- Strong Background in some or all of the following:
  - Applied Mathematics, Estimation and Control, Autonomy/planning, Dynamical Systems, Graphical Modeling, Machine Learning, Natural Language Processing
- Experience in Software Engineering/Web App development
  - Docker, Micro-Services
  - Javascript, node.js, Java, C++, Python, Shell Scripting (Bash)
  - MacOS, Linux, Windows

### Qualifications and Education Requirements

- Minimum of BS in Applied Mathematics, Electrical Engineering; Advanced degrees strongly preferred
- 8-10 years of experience

**Additional Notes:** This position is open to U.S.citizens only.

Barnstorm Research provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation and training.