



Harnessing the power of technology to solve the Nation's hardest problems

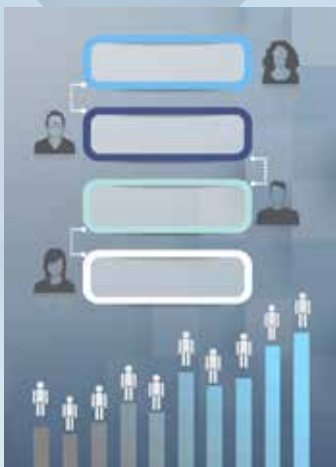
At STR, we harness the power of technology to solve challenging national security problems. Our nation's military and intelligence services employ advanced technologies at all echelons, from central commands to battlefields, to create strategic and tactical advantage. Our mission is to provide this advantage through the development and delivery of innovative sensors and information processing capabilities. Our expertise includes:

- Sensor Development
- Machine Learning
- Sensor Signal Processing
- Data Analytics
- Electronic Warfare
- Command and Control
- Computer Vision
- Stochastic Optimization
- Social Media Processing
- Information Fusion
- Computer Science
- Cyber

Our team is comprised of research scientists and engineers who are motivated by a commitment to excellence in everything we design, develop, and build. We believe that by working collaboratively – among ourselves, our clients, and partner companies – we can deliver powerful capabilities to our customers.

Join our team!

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Data Driven Inference

At STR we apply diverse technologies for domain modeling, machine learning, and automated reasoning to create practical software-based systems that help people understand complex data and make good decisions.

Intelligence, surveillance, and reconnaissance (ISR) systems are key enablers for war-fighting operations. STR applies our expertise in machine learning, cyber security, statistical inference, graph analytics, and operations research to get the most out of the nation's ISR data.

Sensors & Signal Processing

STR's experienced team employs its skills and expertise in sensor systems, signal processing algorithms, and real-time embedded computing to design, develop, and deliver solutions for national security applications.

Applications include:

- Sensor system development
- Radar and sonar signal processing
- Signals intelligence
- Electronic attack and protection
- Electromagnetic propagation, modeling and simulation
- Collection management and optimization
- Feature-aided tracking and classification



Command, Control, and Estimation

As systems become more automated, they need to operate in challenging and often unpredictable environments. At STR we are developing tools that leverage statistical estimation, optimization and control, and physics-based sensor modeling that enable autonomous systems to achieve mission success in the face of significant uncertainty.

STR researchers and engineers are developing and applying innovative and practical computer vision algorithms for extracting actionable information from diverse sensor data for challenging defense and security applications.

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STR seeks qualified applicants to join our rapidly growing team. We offer a flexible, collaborative, and stimulating work environment; best of breed benefits package; and dynamic, entrepreneurial colleagues who are interested in making a difference in the world. Learn more at www.STResearch.com/careers.

