

charles river analytics

Charles River Analytics Inc.

- Lead Investigator: Terry Patten
- Team Members: Avi Pfeffer, Eric Carlson

Unique Qualifications and Capabilities

- Experience developing advanced technology and real-world applications to support the intelligence community
- Natural language processing and information extraction from intelligence sources and in multiple languages
- Relevant tools to support this research:
 - Connect™: Network reasoning & visualization
 - AgentWorks™: Hybrid-AI reasoning
 - VisionKit™: Clustering, classification, multi-dimensional data analysis
- Ongoing and recent R&D projects:
 - Customers: IARPA, DARPA, ONR, AFRL, RDECOM, MDA, CTTSO
 - Delivered technologies: Information extraction and text analytics, Machine learning, Classification, Clustering, Time series summarization and analysis, Network analysis, Graph theory, Statistical inference, Market dynamics, Diffusion modeling, Agent-based models, Information exploration and visualization

Teaming Opportunities

We are looking for partners with:

- Expertise in: taxonomies/ontologies in relevant domains, technology forecasting, bibliometrics & scientometrics, and history/sociology/psychology of science
- A strong track record of leading IARPA and IC programs

Research Areas of Interest

Our experience provides value for:

- Information extraction and text analytics
- Machine learning
- Classification
- Clustering
- Time series summarization and analysis
- Network analysis
- Graph theory
- Statistical inference
- Market dynamics
- Diffusion modeling
- Agent-based models
- Information exploration and visualization



Contact

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