Samara/Data is a Women-Owned Small Business based in Washington, DC and Los Angeles, CA. Our teams of subject matter experts, data scientists, software engineers, and business consultants are designed to augment your team to compete for, win, and deliver on government contracts. Our client base includes government agencies, government prime contractors, small businesses, large corporations, and academic institutions. Individual team members possess Top Secret / Sensitive Compartmented Information (TS/SCI) clearance.

**CURATED TEAMS**

- Our **scientists** and **technical experts** enhance your existing strengths and supplement missing components of your business to deliver efficient and effective completion of technical projects at all stages of development.
- Our **software engineers** and **developers** hail from a strategic combination of Fortune 500 companies and Silicon Valley to provide creative solutions for all business needs, including efficient legacy code modification.
- Our **data scientists** provide innovative and bespoke data collection and analysis approaches for every aspect of your business to empower you to identify and complete complex decisions.

**ENHANCED SPECIALTIES**

- Subject matter expertise, scientific consulting, and technical/scientific proposal development
- Broad spectrum of experience across all platforms and nearly all programming languages
- Government agencies, small businesses, large corporations, and academic institutions

**CORE COMPETENCIES**

- **Scientific/Technical Consulting**
  - SME Geophysics / Seismology
  - Scientific consulting
  - Technical liaison
  - Technical proposal development

- **Software Engineering/Development/Testing**
  - Server / back-end design
  - Web & mobile application development
  - API & compiler development
  - Software testing + user training

- **Data Science**
  - Data mining and discovery
  - Curated data analysis
  - Data organization and visualization
  - Artificial Intelligence analyses

**PAST/CURRENT FEDERAL WORK**

- **NOAA:**
  - Tsunami Warning System
  - Information Technology Modernization

- **DISA:**
  - Critical Infrastructure Physical Threat and Vulnerability Assessment

- **NASA:**
  - Rugged Portable Planetary Broadband Seismometer Development

**SET ASIDES**

- Women-Owned Small Business (WOSB)
- Small Disadvantaged Business (SDB)

**NAICS CODES (PRIMARY)**

- 541690 Other Scientific and Technical Consulting Services
- 541990 All Other Professional, Scientific, and Technical Services
- 541511 Custom Computer Programming Services
- 518210 Data Processing, Hosting, and Related Services
- 541512 Computer Systems Design Services
- 611710 Educational Support Services
- 811219 Other Electronic and Precision Equipment Repair and Maintenance

**COMPANY SNAPSHOT**

- **DUNS:** 080423859  **CAGE Code:** 7SVJ0
- Shanna Johnson, Chief Executive Officer  
  shanna@samaradata.com // 818.636.7620
- Matthew J. Fouch, Chief Scientist (TS/SCI clearance)  
  matt@samaradata.com // 202.430.7074
CURRENT AND PAST PERFORMANCE

2016-2017: Subcontractor to NOAA prime contractor (ERT, Inc.)
Contract: #DG133W10CQ0042 (Tsunami IT Modernization Project Phase II)
Primary functions: SME liaison between prime and NOAA staff; strategic advisor; software development; software testing; user training

2018-present: Subcontractor to DISA/DoD prime contractor (iP-Plus, Inc.)
Contract: Environmental Threats and Vulnerability Assessment
Primary functions: SME scientist; liaison between government and academic communities; technical advisor; advisor for scientific and technical matters

2017-present: Subcontractor to NASA grant awardee (Arizona State University)
Contract: (COLDTech: Seismometers for Exploring the Subsurface of Europa - SESE)
Primary functions: SME scientist; liaison between scientific and engineers teams; technical support and testing; project management

CASE STUDIES

NOAA Tsunami Warning System Modernization (Federal Government):
Partnership with a federal government prime contractor building a new tsunami warning system for NOAA. Restored the underperforming $8MM project to positive status via the roles of primary integrator, technical liaison, and strategic advisor, aligning software development efforts to complete critical functionality and improving the government’s confidence in the contractor’s capabilities.

DISA Critical Infrastructure Threat and Vulnerability Assessment (Federal Government):
Provide risk and vulnerability reports which are used to assist in determining future critical infrastructure buildouts. Support DISA staff in analysis of scientific and technical literature and reports, training, and briefings.

NASA Rugged Planetary Broadband Microseismometer (Federal Government):
Provide specialized technical, scientific, and project management support for the NASA-funded seismometer development project for cold planetary environments. Work builds on efforts since 2010 to develop rugged sensors capable of deployment on Moon, Europa, and other extraterrestrial targets. Duties include technical and scientific coordination with NASA and other centers and leading development of new sensor testing capabilities.

Nobel Weather Associates Software Development (Private Sector):
Ongoing partnership with client to develop bespoke software tools for business development and client’s client needs. Systems include weather download and computation via NOAA weather API and end-to-end system enabling contractor invoicing and formalized checkdowns against weather-related analytics.

KEY SERVICE AREAS

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<th>Strategic Advisor</th>
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