*n*Teligence

Company Overview

*n*Teligence is a woman owned AI think tank based in Princeton Junction, NJ. We are pioneering the next generation of AI 2.0 capabilities, and in doing so, helping organizations to develop smarter, faster, more reliable, and safer AI applications. Enabling new AI driven systems that can be developed and deployed at a much lower operational cost, and which will provide a higher rate of return on investment (ROI). We build our own dedicated, hardened, AI appliances. The machines are based upon very powerful, state of the art, 64 core CPUs and 1K core GPUs, and which unlike most servers located in the cloud, use liquid cooling rather than much less efficient heat sinks. We are actively working on ways to seamlessly combine the benefits of mathematically driven decision making and recommendations, along with the simulation of human like reasoning and thought processes. We call this new and improved form of "thinking" Hybrid Intelligence™. In the field of conversational AI, we are working on True Meaning™, the means by which a computer can comprehend and fully understand both written and spoken words. We are also developing ways to imbue intelligent virtual assistants (IVAs) with Common Sense™, something you and I just take for granted. In addition, we are also leveraging cutting edge academic research to give machines the ability to learn from their own experience, as well as from talking to people who are subject matter experts within a given domain.

Professional Services

- Strategic AI Advisory Services
    - Evaluate and rank business use cases for technical viability and potential ROI
    - Review and assess ongoing AI initiatives (machine learning, chatbots, virtual assistants, RPA, intelligent automation, etc.)
        - Business requirements, architecture, infrastructure, training data, libraries, tools, staffing, deliverables, operations
        - Make recommendations on which projects to scuttle, and how get those with unmet potential back on the right track
    - Author future state architectural documents, including a cohesive vision for using AI within your organization, and an incremental, readily achievable, roadmap to its adoption
    - Setting up and staffing an AI Center of Excellence (AICOE) and lab to experiment in

- Outsourced AI Research
    - Perform original (as well as adapt existing public domain) AI research, and assess its potential for creating business and customer value within your organization

- Assessment and Planning for Decision Science Modernization and Migration
    - Migrate off legacy statistical modeling tools and methodologies (i.e. – SAS, SPSS, etc.) and onto a machine learning environment
    - Move off expensive cloud based virtual machines, and proprietary AI service offerings, onto lower cost, industry standard, AI appliances running open-source software (OSS) stacks

- Software Design and Development Services
    - Build pilot applications and scale them out into production
        - Chatbots, intelligent virtual assistants (IVA), intelligent automation (IA), electronic workers (EW)
    - Custom deep and reinforcement learning models
        - Classification, generative, named entity recognition, text summarization, topic modeling, etc.
        - Optimization, pricing, replenishment, recommendations, etc.
    - Use of logic programming for general problem solving as well as for natural language understanding (NLU)
        - Creation of domain (industry) specific grammars, and associated lexicons

- Hardware and Software Products
    - Model T, a dedicated, hardened, AI computing appliance (see attachment)
    - AIOS, an Artificial Intelligence Operating System (see attachment)
        - Custom tailored versions of AIOS, bundled along with the Model T (NLU-1 for conversational AI, and the EWP-1 for electronic workers)