Robotics and Autonomous Systems Research Scientist:

UtopiaCompression Corporation (UC) is looking for an outstanding full-time scientist with expertise in estimation, control and planning for Multi-Agent Systems (MAS), Artificial Intelligence (AI) and Machine Learning (ML) for robotic systems, and other related disciplines.

The outstanding selected candidate will research and develop innovative algorithms in the aforementioned branches of science using multidisciplinary approaches to advance state of the art in challenging problems such as cooperative path planning for multiple unmanned systems, collaboration of agents in complex physical or virtual environments, cognitive agents learning games, plans and strategies in situated environments, theory of adjustable autonomy and social structures, biologically-inspired heterogeneous multi-agent planning systems, human-machine combined autonomous and semi-autonomous systems. The selected candidate will actively participate in as well as lead efforts to procure funding through grant proposals and execute them upon contract.

Requirements:
- Ph.D. in MAS, AI, ML, and related areas from a highly accredited US or Canadian university with high GPA.
- Solid academic records with peer reviewed publications in prestigious and well recognized journals.
- The ideal candidate should be well versed with some or all of the following topics: Multi-agent systems, filtering and estimation theory, motion planning for robotics, optimization theory, game theory, machine learning.
- Strong programming skills.
- Candidate must be willing to apply a hands on approach to all aspects of research and development
- Entrepreneurial aptitude in identifying promising funding opportunities.
- Fluent in English language and a great communicator.

Plus:
- US Citizen or Permanent Resident (Green Card) candidates are strongly encouraged to apply.
- Experience in acquiring and executing US government funded programs.
- Software engineering experience including team development of large projects

To apply, send your resume to: jobs@utopiacompression.com with the job title as the subject.

About UtopiaCompression:

UtopiaCompression Corporation (UC) is a rapidly growing high-tech company based in Los Angeles providing innovative and mission relevant solutions to the US Government Agencies and commercial markets. UC technologies and products focus on pushing state-of-the-art in the areas of: medical decision support systems and diagnostics, computational vision, autonomous systems, unmanned aircraft Sense and Avoid, cooperative systems, wireless communications and airborne networking. Our mission is to improve control and autonomy of situated agents by learning, growing and metamorphosing their cognitive capabilities and thereby convert large amounts of data into usable and transferable knowledge, strategies and wisdom for mission critical operations.

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