



Autonomy and Machine Learning Career Opportunities

The Information Directorate of the Air Force Research Laboratory (AFRL) is looking for outstanding researchers to address cutting-edge problems in *autonomous systems and machine learning* vital to the nation's security. AFRL is a basic and applied research laboratory that has explored and advanced science and technology for the US Air Force for more than 60 years. The AFRL Information Directorate employs approximately 750 scientists and engineers, and is the Air Force's center of expertise for R&D of command, control, communications, computers, intelligence, and (C4I) technologies. Work is conducted across a broad spectrum of information technologies in areas such as signal processing and information fusion, next generation communication systems, high performance computing, human-machine decision support systems, cyber security, and data mining and pattern analysis for intelligence information systems.

Emphasis areas for open technical staff positions include artificial intelligence, machine learning, and data mining (including but not limited to deep learning, reinforcement learning, computer vision, search, and planning for intelligent systems, time-series analysis, and large graph mining). Additional experience in multi-agent systems, optimization, modeling & simulation, learning systems and tools, robotics and sensor systems is desired as well as strong abilities in software development.

MS, and PhD degree holders in these fields are sought. AFRL Information Directorate staff members have been at the forefront of information science and technology developments. Staff members work on multi-disciplinary in-house teams and have the opportunity to work with leading researchers across academia and industry on cutting edge technologies. The successful candidate will be able to demonstrate depth in advanced autonomous systems, via self-motivation and collaborative efforts.

Located in upstate New York near Syracuse, the AFRL Information Directorate offers a suburban, four-season environment, superior grade and high schools, and several nearby collaborating universities with outstanding academic reputations. We offer stable employment, a competitive salary, excellent government employee benefits, and a world-class professional working environment. For an overview see <http://www.wpafb.af.mil/Portals/60/documents/afri/ri/afri-ri-overview.pdf?ver=2016-07-13-142035-373>

US citizenship required. Must be eligible for a security clearance. AFRL is an equal opportunity employer. Please respond to: judith.rothschild@us.af.mil and michael.hartnett@us.af.mil