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Machine Learning Engineer

Tracking Code

HR6142

Job Description

Radiance Technologies is an employee-owned company with benefits that are unmatched by most companies in the Dayton, OH area. Selected as one of Dayton's Best Places to work in 2017. Radiance offers highly competitive salaries, a relaxed work environment, flexible work schedules and a great benefits package that includes health/dental/life/ vision insurance benefits, employee ownership, generous 401K and profit sharing, and educational reimbursement. Radiance Technologies is a great place to work and succeed in Dayton, Ohio.

Radiance is seeking a Machine Learning Engineer who will advance the artificial intelligence capabilities of the National Air and Space Intelligence Center at Wright Patterson Air Force Base. This engineer will provide expertise in data analytics and algorithm development supporting the integration and analysis of diverse data sources and develop machine learning, data mining and statistical algorithms for pattern recognition and anomaly detection. Additionally, this position will improve upon current methods for the automated processing and exploitation of large data sets. This will include R&D on projects involving the exploitation of data from sensors including investigation of state-of-the-art machine learning classification methods to classify and characterize extracted targets of interest.

Desired Skills

- Machine Learning, Natural Language Processing, Computer Vision or equivalent experience
- R&D on remotely sensed data to include modeling and development of algorithms.
- Ability to work independently or in a team environment
- Strong technical writing and oral communication skills
- Active Secret or Top Secret/SCI clearance
- Advanced degree (MS/PhD) in data science, mathematics, statistics, computer science, a physical science or engineering is strongly desired
- A mathematical background (Probability and Statistics)
- An experienced grasp of version control using Git for nonlinear workflows
- Thorough understanding of working in research, development and production environments
- Background in image science, imagery exploitation, spatial analysis, and computer vision are a plus

Required Skills

- Bachelor's Degree in a quantitative field such as Computer Science, Engineering, Physics, Statistics, or a related field
- Strong programming skills in at least one of the following languages Python, Matlab, C++
- US Citizenship with the ability to obtain a clearance

Required Experience

- 1 year of experience in Machine Learning
- A working knowledge of Artificial Neural Networks (ANNs) and Deep Neural Networks (DNNs)
- Experience in applying core Machine Learning methodologies: Regression, Naive Bayesian classifier, Clustering, Matrix Factorization, k-Nearest Neighbors, Natural Language processing, Decision trees, Support Vector Machines, Neural Networks & Deep Learning

Job Location

Job Location
Dayton, Ohio, United States

Position Type
Full-Time/Regular

US Citizenship Required
Yes

Ability to obtain a Security Clearance
Yes

Polygraph Required
Not Required

Desired Qualifications
See above.

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