United Technologies Research Center - Principal Scientist Computer Vision and Video Surveillance (Video Analytics)

Key skills include Video Analytics, Object Detection and Tracking, Object Recognition, Activity & Event Recognition, Content Based Indexing & Retrieval or Computational Photography

Additionally, the successful candidate will be expected to:

1. Provide technical leadership and direction and serve as a technical resource to others, including being a member of technical review boards.
2. Act as principal investigator, leading multidisciplinary teams developing integrated solutions for UTC business units and focusing on creative solutions to technical challenges in computer vision and video surveillance.
3. Identify and champion promising technical innovations for UTC business units through the establishment of partnerships with university, national labs and other world-class institutions.
4. Create opportunities through the acquisition of contract awards, source and evaluate new technology for UTC; create and leverage internal and external partnerships
5. Foster development of creativity and technical excellence in others.
6. Author technical papers; be active in relevant technical communities.

Education/Experience Required:

Preferred: Ph.D. in Computer Science, Electrical or Computer Engineering, Mathematics, Statistics, or a related field, plus 10 years of industrial or academic experience after completion of the Ph.D. in disciplines in the Key Skills listed above.

- Expert knowledge and a minimum of 10 years of industrial or academic experience (post M.S.) in at least three of the following fields: object detection and tracking, object recognition, activity and event recognition, content-based indexing and retrieval, computational photography.
- Demonstrated ability to lead multi-disciplinary teams to successfully achieve desired technical outcomes within time and budget constraints.
- Demonstrated ability to write proposals and win external funding/contracts/grants.
- Record of technical contributions, including patents and publications in refereed technical journals and major conferences in computer vision
- Proven success in innovative strategic and technical thinking, willingness to champion and challenge new technical ideas, and experience in applying work to real-world applications.
- Excellent communication and leadership skills; innovative strategic and technical thinker; high energy; team player.
- Demonstrated team leadership in multi-disciplinary and multi-cultural industrial applications is a plus.

*This position requires candidates to be either a U.S. Citizen or Permanent Resident.

If you have any recommendations or have a personal interest in either of these opportunities, please contact me. Thank you.

Sincerely,
Cas Hill
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