

# UtopiaCompression

---

## Computer Vision R&D Scientist

### Company Background

UtopiaCompression Corporation (UC) is a rapidly growing, High Tech company with core competency in computational intelligence, developing and marketing a range of intelligent technologies and products including: content-based image/video compression and analysis; data mining and knowledge discovery; 3D object/scene modeling; fusion and visualization with a host of applications such as Geographic Information Systems and medical imaging; and autonomous object avoidance and path planning.

### Job Requirements

1. A Ph.D. in computer science, computer engineering, electrical engineering, mathematics/statistics, or other related areas is desired, although a strong candidate with an M.S. and significant research and industry experience will also be considered. Candidate must also have a GPA of 3.7 or higher.
2. The ideal candidate will be thoroughly versed in recent research and methods in the areas of computer vision, pattern recognition, machine learning and image/signal processing, with a proven track record.
3. Strong experience in one or more following areas: object detection/recognition/tracking, activity recognition, image segmentation, motion analysis, 3D scene reconstruction, Structure from motion, GIS image analysis.
4. Fluent in software analysis, design, and development using C++, C and MATLAB programming environment.
5. Candidates with industry and R&D experience in one or more industries (especially military/defense, homeland security, security & surveillance, medical imaging, media & entertainment or wireless) are highly desirable.
6. US citizens or permanent residents are strongly encouraged to apply.

### Job Responsibilities

1. Perform research, design, development, testing, and prototyping of advanced computer vision algorithms.
2. Collaborate closely with other R&D scientists and engineers in developing and implementing solutions efficiently.
3. Provide subject matter expertise: establishing in-depth knowledge and suggesting directives for further progress on UC's computer vision technologies.
4. Provide technical assistance and guidance: preparing proposals, reports, and presentations for internal and external sources such as government agencies and business partners.

### Compensation

*Competitive compensation is offered for candidates fully meeting UC requirements. UC offers excellent benefits which include medical, dental, vision, stock option plan, accrued vacation time and a creative team work environment.*

### Contact Information

Please send your resume and cover letter to:

Ms. Diana Curameng

UtopiaCompression Corporation

Email: [diana@utopiacompression.com](mailto:diana@utopiacompression.com)

Tel 310-473-1500 x101

UCC website: <http://www.utopiacompression.com>