



Internship description

Company: Technicolor Research & Innovation

Location: 2 Independence Way, Princeton, NJ, USA

Interested candidates should email a resume to:

Sitaram Bhagavathy

Email: sitaram.bhagavathy@technicolor.com

Internship position #1

Description:

The candidate will work on research and implementation of video processing algorithms for improving video compression efficiency.

Requirements:

- Ph.D. candidate in Electrical Engineering or Computer Science/Engineering.
- Research and development experience in image/video processing, computer vision, pattern recognition and/or data compression.
- Knowledge about video compression algorithms and standards, particularly H.264 video compression standard is a plus.
- Proficient in MATLAB and C/C++ programming.
- Ph.D. thesis topic related to video processing or video compression is a plus.

Internship position #2

Description:

The candidate will work on research and implementation of various components for interactive display systems that dynamically adapt to viewer context.

Requirements:

- Ph.D. candidate in Electrical Engineering or Computer Science/Engineering.
- Research and development experience in computer vision, multi-view/3D video processing, video rendering, user interfaces, and/or video streaming.
- Proficient in C++ programming. OpenGL and GPU programming knowledge is a plus.

Internship position #3

Description:

The candidate will work on research and implementation of video processing algorithms for creative post-production applications.

Requirements:

- Ph.D. candidate in Electrical Engineering or Computer Science/Engineering.
- Research and development experience in image/video processing, computer vision.
- Proficient in MATLAB and C/C++ programming.
- Experience in computational photography is a plus.
- Knowledge in color science is a plus.

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About Technicolor:

Technicolor (Euronext Paris: 18453; NYSE: TCH). With more than 95 years of experience in entertainment innovation, Technicolor serves an international base of entertainment, software, and gaming customers. The company is a leading provider of production, postproduction, and distribution services to content creators, network service providers and broadcasters. Technicolor is the world's largest film processor; the largest independent manufacturer and distributor of DVDs (including Blu-ray Disc); and, a leading global supplier of set-top boxes and gateways. The company also operates an Intellectual Property and Licensing business unit managing more than 40,000 patents.

Technicolor Research & Innovation centers are located in Princeton, NJ, USA; Paris and Rennes, France; Hanover, Germany; and Beijing, China.

<http://www.technicolor.com>

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