

Internship positions are immediately available in the Video Processing & Analysis (VPA) group at Philips Research, Eindhoven, The Netherlands.

The interns will work on projects related to computer vision (for example, people localization & tracking, person identification, human motion analysis, gesture recognition, facial expression recognition, event detection, activity analysis, camera network, etc). Different focus options are possible depending on the interests and strengths of the candidates. The interns will work with other talented researchers in a stimulating environment, and will be encouraged to think out of box and find innovative solutions for real-life problems. The candidates have to be available for a period of at least six months. The work of the internship is expected to be written as a technical report. Publication at top conferences is highly encouraged.

Requirements:

- Self-motivated Master or PhD student
- Proven background in related areas - Computer Vision, Pattern Recognition, Machine Learning, Image / Video Processing - are highly desired
- Excellent programming skills - Matlab or C/C++
- Proficiency in English

The VPA group is developing algorithms for a wide range of applications. For almost two decades, the group has been the cradle for various award-winning innovations in the field of consumer TV, such as Digital Natural Motion (TM) and Pixel Plus (TM). Currently, the group contributes to a large variety of video-oriented applications in the field of TV, Medical Imaging, 2D/3D Displays, Computer Vision, Human-Computer Interaction, Mobile Communication and Microscopy. To be successful in such a wide domain, the group cooperates with many other groups in Philips Research, as well as with various external parties.

Philips Research (www.research.philips.com <<http://www.research.philips.com/>>) is the source of many advanced developments in Healthcare, Lifestyle and Technology. Building on over 90 years' experience in industrial research and our world-leading patent position, we're dedicated to meaningful innovations. In the healthcare domain, we are enhancing imaging and monitoring systems, as well as exploring innovative personal healthcare. In lifestyle, we're helping people see, hear, remember and share content, anywhere and anytime. Our vision focuses on simplicity, making technology an integral - but invisible - part of everyday life.

Please forward your CV, including your available dates, to Caifeng.Shan at philips.com (please put "Internship Application" in your email subject).

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