



SONY



Sony manufactures audio, video, imaging, games and mobile communication products for the global consumer and professional markets. With its music, pictures, games and online businesses Sony is uniquely positioned to become a leading personal broadband network company in the 21st century. Sony's European electronics operations cover a full range of activities from R&D, design, engineering and manufacturing to marketing, sales and service.

Our **Stuttgart Technology Center (STC)** is where innovations and future generations of products are being developed to meet and surpass the expectations of the worldwide markets and customers. The **Computational Imaging Group** investigates new concepts for visual capturing approaches. Within this context we continuously offer positions for an

Internship Computational Photography

Computational photography deals with the interplay of optical devices and digital signal processing by a synergetic design approach with the aim to capture more information from the world in order to create better or new features in future products.

We develop such concepts from basic ideas, academic research papers, collaborations with Universities, realize them as algorithms on simulation basis and finally transfer them into tangible prototypes in order to evaluate such concepts on their potentials. We are active in active depth sensing, light field capturing and processing, hyper-spectral imaging, compressive sensing and signal reconstruction as well as computer vision applications.

We offer

Open, flexible and collaborative working and learning atmosphere with engineers and other students

Excellent mentorship, software and hardware infrastructure to accomplish your work

Tasks on implementation, improvement and porting of algorithms for evaluation and benchmarking

We expect

Passion for technology and willingness to learn and build professional competencies

Good communications skills in English and possibly German and the wish to work in teams

Good programming skills and a good theoretical background in our field acquired in your studies

If you want to join us at Sony Stuttgart for an internship, please send your CV to:

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