



Software Engineer

The Perceiving Systems Department in the MPI for Intelligent Systems is looking for several highly talented programmers with strong technical knowledge of computer vision and/or graphics to support basic research projects in the area of computer vision. You will work with leading researchers on cutting-edge problems such as human tracking, segmentation, optimization, statistical image modeling, motion estimation, large-scale 3D reconstruction, 3D data representation, and human shape analysis. In addition to vision research programmers, we seek graphics programmers: experience with 3D mesh modeling, rigging, blend skinning, hair models, clothing simulation, and animation from motion capture are all valuable. Experience with Internet applications of vision and graphics is a plus. Strong mathematical skills are important. We seek highly motivated people interested in working in a fun, exciting, and challenging research environment who also want to have an impact on the world by having their code in wide use.



You possess a Bachelor's, Master's or PhD degree in computer science (or a related field), ideally with experience in computer vision, graphics, or a related field. A solid mathematical background and strong programming (C++, Python) skills are required. GPU programming experience (CUDA, OpenCL) would be a plus. You should be highly flexible, diligent, enthusiastic and reliable and share our passion for teaching computers how to see.

We at the MPI for Intelligent Systems in Tübingen offer a friendly working environment in a lovely old town, situated in an area of natural beauty south of Stuttgart, Germany, with a high quality of life. Max Planck Institutes are internationally renowned and regarded as the foremost organisation for fundamental research in Germany. The working language is English. Good written and spoken English is important. Salaries will be based on previous experience according to TVöD guidelines. This is a full-time position. An initial contract will be offered for 2 years. The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply. The Max Planck Society seeks to increase the number of women in areas where they are underrepresented and therefore explicitly encourages women to apply.

To apply for this position, please send your application quoting the reference number 49.13 in English via e-mail to Ms. Ballmann at personal@vw.mpi-stuttgart.mpg.de