



## Computer Vision Expert 2D and 3D

**Cutting-edge technology!** Dacuda is a computer vision company that redefines the capabilities of cameras with real-time 2D and 3D algorithms. As the leading pioneer in software 3D camera technology, Dacuda's mission is to bring 3D capturing to every consumer by making 3D content creation as easy as taking a video. Dacuda's software 3D camera helps scale existing 3D use cases to consumers with app-based scanning and enables novel experiences for Augmented and Virtual Reality headsets. Dacuda is headquartered in Zurich, Switzerland, with locations in Palo Alto, California and Shanghai, China. For further information, please visit [www.dacuda.com](http://www.dacuda.com).

**Your tasks!** As a Computer Vision Expert you will actively shape the next product generations (SLAM Scan<sup>®</sup> technology) and thus drive the future of our company. Thanks to our agile software development process you can utilize your computer vision skills to boost our technology to the next level. You will be involved in a variety of projects: from the development and implementation of efficient image stitching algorithms, to solving challenging optimization problems.

**Your skills!** Dacuda is seeking a distinguished Computer Vision Expert for a full-time position, with extensive experience and a passion for image processing, mathematics and abstract thinking. Apart from your curiosity, your communication skills and your ability to work in teams, you should meet the following requirements:

- State-of-the-art computer vision know-how and deep understanding of correspondence problems in 2D and 3D like image registration, image stitching, optical flow, tracking, or stereo vision
- Knowledge in computer graphics
- Excellent C++ skills with several years of coding experience
- PhD or MSc degree
- Ability to solve difficult vision problems and to push forward the development of the core image registration algorithms with your ideas
- Skill to analyze and improve algorithms

Experience in mobile robotics (with topics such as 2D/3D SLAM or tracking) and with camera systems (calibration, real-time vision) is a plus. Familiarity with libraries such as Qt, OpenCV, OpenGL and development tools including Matlab, Python, CMake, and Git would ease the transition.

### Our offer!

- An interdisciplinary, highly motivated and young team
- Responsibility and involvement in the creation of revolutionary products
- A visionary, success-oriented and creative start-up environment
- An appealing workplace in the center of Zurich

**Now!** The job is available immediately. If you are interested, don't hesitate to call us (+41 44 295 10 41) or to send your complete application (cover letter, CV with a recent photo, certificates and references, relevant publications) to [jobs@dacuda.com](mailto:jobs@dacuda.com).