

# SHARP®

## LABS OF AMERICA



### **SHARP Laboratories of America is seeking a Graduate Student R&D Intern (Computer and Robot Vision) for the summer of 2014.**

We are looking for Doctoral or advanced Masters level students with outstanding research and algorithm development credentials as well as strong software implementation skills.

The intern will join a team developing computer vision technologies for robotics and automation. We are developing high-performance algorithms for autonomous mobile robot applications as well as smart sensing applications. Areas of emphasis are: localization, mapping, 3D sensing, obstacle avoidance, object detection, people detection, navigation, activity recognition.

We seek an outstanding graduate student with solid knowledge in applied computer vision, pattern recognition and video processing areas. The candidate should have rapid prototype development capabilities and strong programming skills (Matlab, C/C++, and OpenCV). Candidates with research experience and publications in the relevant areas are preferred.

SHARP Laboratories of America (SLA) is the U.S. research and development (R&D) subsidiary for SHARP Corporation of Japan. SLA conducts leading edge research and development in the following areas: Device & Display, Energy, Health & Environment, Video Processing & Digital Media, Mobile Communications, and Business Solutions. SLA collaborates extensively with product divisions of SHARP Corporation Japan and its R&D labs worldwide as well as with universities, US government, and other companies.

SLA is located in Camas, Washington State, near Portland, Oregon, Columbia River Gorge, Mt. Hood, and the Oregon and Washington Coasts. In addition to desirable recreational opportunities, this is an area that has numerous companies active in display and imaging technologies. We offer a competitive salary and stipend package.

If interested, please send your resume to Peter van Beek ([pvanbeek@sharplabs.com](mailto:pvanbeek@sharplabs.com)).