

Senior Computer Vision Researcher

EPSON Canada is dedicated to providing its customers with digital image innovation. Our main product lines are comprised of information-related equipment such as printers, scanners, projectors, smart glasses, cameras, home entertainment and electronic devices. Epson products are known throughout the world for their superior quality, functionality, compactness and energy efficiency.

We are looking for a scientist with an excellent theoretical and working knowledge in algorithms for computer vision, machine learning, pattern recognition and digital image processing, and good programming skills to optimize the algorithm code for PC and embedded implementation. The successful candidate will be a highly creative, self-motivated, professional individual with ability to provide innovative algorithmic and software solutions.

The selected candidate will work as part of a project team tasked with bringing cutting edge computer vision technologies to Epson's smart glasses.

Key responsibilities:

- Plan and execute cutting-edge research to advance object detection and tracking technologies
- Design and implement algorithms to solve real world computer vision problems on mobile devices
- Work closely with software developers to transfer research prototype into product
- Meet project milestones, and contribute to decisions affecting project implementation details
- Communicate internally within the development team and with customers the impact and risk of the research
- Documentation algorithm and research notes

The ideal candidate should have:

- PhD degree in the area of computer vision and digital image processing
- Proven research experience covering broad computer vision topics
- 4+ years working experience in industry
- Outstanding analytical skills and ability to take a practical approach to solving real world problems
- Solid skills in developing prototypes
- Experience in mathematical optimization
- Excellent C or C++ programming skills
- Excellent communication skills at every level (product, tech team)

Experience in the following areas will be considered advantage:

- Virtual and Augmented Reality
- Pattern recognition
- Machine Learning

Terms of employment – Full time Position

Qualified candidates should submit their resumes quoting **Senior Computer Vision Researcher** in the subject line to: hrcanada@ea.epson.com

Please include your **salary expectation**. We thank all candidates who apply, however, only those selected for an interview will be contacted.