

November 18, 2009

**NEC Laboratories America Research Staff Member
- Machine Learning and Computer Vision**

NEC Laboratories America, Inc., (www.nec-labs.com) is a vibrant industrial research center renowned for technical excellence and high-impact innovations that conducts research and development in support of global businesses by building upon NEC's 100-year history of innovation. Our research programs cover a wide range of technology areas and maintain a balanced mix of fundamental and applied research as they focus on innovations which are ripe for technical breakthrough. Our progressive environment provides exposure to industry-leading technologies and nurtures close collaborations with leading research universities and institutions. Our collaborative atmosphere, commitment to developing talent, and extremely competitive benefits ensure that we attract the sharpest minds in their respective fields. NEC Labs is headquartered in Princeton, NJ and has a second location in Cupertino, CA, the heart of Silicon Valley.

The Information Analysis Department at Cupertino, CA, is seeking outstanding researchers with background in machine learning and computer vision, to work on large-scale image and video tagging/recognition/search systems with a focus on Web and Mobile Services. We expect the candidates to be strong in conducting cutting-edge research, but also passionate about turning research into high-impact products or services.

Required Skills or Experiences:

- PhD in Computer Science (or equivalent)
- Strong publication in top machine learning or computer vision conferences & journals
- Solid knowledge in math, optimization, and statistical inference
- Hands-on experiences in implementing large-scale learning algorithms and systems
- Great problem solving skills, with a strong desire for quality and engineering excellence
- Expert knowledge developing and debugging in C/C++ on Linux

Desired Skills as a Plus:

- Good knowledge developing and debugging in Java on Linux
- Experience with scripting languages such as Python, PHP, Perl, and shell scripts
- Experience with parallel/distributed computing
- Experience with image classification, object recognition, and visual scene parsing
- Ability to work on other media data, like textual and audio data

For consideration, please forward your resume and a one-page research statement to recruit@nec-labs.com and reference "Information Analysis" in the subject line. NEC Labs is committed to creating a diversified environment, and is proud to be an equal opportunity employer.