

Honda Research Institute USA (HRI-US) is at the cutting edge of Honda's research and development activities. Inspired by Honda's global slogan - The Power of Dreams - we pursue emerging technologies and bring them into reality to make people happy, even as we are engaged daily in highly scientific, pioneering work. We realize that dreams don't come from organizations, systems, or money. They come from people, and we seek people who have such a challenging nature to work with us.

Research Scientist (Job Number: P15F02)

Honda Research Institute USA (HRI-US) in Mountain View, CA is seeking talented scientists and engineers with expertise in artificial intelligence, machine learning, or computer vision to support our activities in areas including intelligent vehicles, robotics, and smart manufacturing. We envision a future in which intelligent systems will assist, rather than replace, humans in complex daily situations. Toward accomplishing this goal, it is important for such systems to grow and work cooperatively together with humans to enhance people's joy and productivity. The successful candidates will focus on developing intelligent technologies that realize such a goal through human cooperation and interaction. These positions offer the opportunity to work with a talented group of scientists and engineers to develop cutting edge solutions to complex and real world problems.

Key Responsibilities:

This position requires technically adept, self directed, and motivated individuals who will work with the technical staff at HRI-US and global Honda with responsibilities that include:

- Propose and conduct research on core technologies related to intelligent systems that involve human cooperation.
- Participate in ideation, creation, and evaluation of technologies.
- Contribute to a portfolio of patents, academic publications and prototypes to demonstrate research value

Qualifications:

- PhD in Computer Science, Electrical Engineering, or equivalent field.
- Strong familiarity with machine learning, particularly in deep learning, convolutional neural networks, or reinforcement learning.
- Familiarity and interest in human interaction technologies.
- Experience with hardware and sensor systems.
- Strong programming skills in one or more of the following: C/C++, Python, Java.
- Strong written and oral communication skills including development and delivery of presentations, proposals, and technical documents.
- Strong publication record in the areas of AI, machine learning or computer vision.

Application Instructions:

Please send an e-mail to:

fulltime@honda-ri.com

with the following:

- Subject line including the job number you are applying for
- Recent CV
- A cover letter explaining how your background matches the qualifications