MITSUBISHI ELECTRIC RESEARCH LABORATORIES

201 Broadway, Cambridge, MA 02139
Tel. 617.621.7500 www.merl.com. Fax 617.621.7550

for a greener tomorrow
eco Changes

Computer Vision Research Scientist or Senior Research Scientist

MERL is seeking qualified applicants for the position of Research Scientist or Senior Research Scientist in the Computer Vision Group. This group pursues cutting-edge research in information capture, extraction, analysis, and display, including computer vision, 3D graphics & modeling, image processing, and machine/deep learning. We are currently searching for a colleague to work on problems of machine learning, including deep learning, classification, labeling, and detection. The group applies its specialized knowledge to challenging industrial problems in areas including robotics, medicine, automobiles, safety and security, retail systems, large and small displays, and building systems. We also contribute to and maintain strong connections in the research community.

The successful candidate will be expected to initiate, lead and perform original research within the above areas, and to extend MERL's domain of expertise. Further qualifications are detailed below.

Responsibilities

- Identify new fundamental and applied research problems and develop solutions that are broadly useful. Conduct research to evaluate these solutions and publish results in selective peer-reviewed conferences and journals. Conceive futuristic business possibilities and the technology and methods to address them.
- Learn about existing Mitsubishi Electric businesses and consider their needs when defining research initiatives. Collaborate with Mitsubishi Electric labs in Japan to transfer information, prototypes, and code.
- Assist in preparing your patent applications.

Qualifications

- A Ph.D. in Computer Science, Electrical Engineering or related areas.
- Documented track record of creative innovation and of developing, conducting, and leading successful research projects.
- Excellent programming skills (C/C++, Matlab, Python, etc).
- Good presentation and writing skills are expected.
- Applicant must be able to handle multiple assignments simultaneously and balance workload among different projects.
- Qualified applicants for employment at MERL are individuals who have or can obtain full authorization to work in the U.S. and do not require export licenses to receive information about the projects they will be exposed to at MERL.

Background

MERL is the cutting-edge US research lab for Mitsubishi Electric Corporation, a Japanese industrial manufacturer nearly 100 years old with $38.9B in revenue in 2015 and more than 120,000 employees worldwide. MERL has all the resources of a giant international company, but, with a staff of 83, has the very intimate and comfortable environment of a small company. We have smart, light handed managers that give researchers broad opportunities to pursue their own research topics. This is possible because our parent company makes so many different products that it's almost impossible to not find a valuable application for our research ideas. Indeed, it's the opportunity to solve real-world problems and transfer technology to Japanese researchers for commercialization that make MERL so attractive to many of us.

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Our culture is friendly, open and relaxed with many collaborative projects within and between research groups and disciplines. We are encouraged to published and participate in the academic community. We host many interns every year (more than 100 in 2017) and provide great creative environment. We are literally across the street from MIT and down the road from Harvard University and regularly attend talks and collaborate with University researchers.

PRINCIPALS ONLY. No phone calls please.

Apply online at: www.merl.com//employment/employment.php

Mitsubishi Electric Research Laboratories, Inc. is an Equal Opportunity Employer.