Opening for a research internship position at INRIA Sophia Antipolis

This opening pertains to the field of semi-supervised object detection in computer vision. This position is for a period of 6 months, starting from end of March. The accepted candidate will work at INRIA sophia antipolis with researchers at STARS team.

In order to apply for this internship position, the candidate must be enrolled in a university as a masters of PhD student during the 6 month period of this internship.

About INRIA Sophia Antipolis

The Inria Sophia Antipolis - Méditerranée center has 37 research teams and 9 research support services. The center's staff (about 600 people including 400 Inria employees) is composed of scientists of different nationalities (250 foreigners of 50 nationalities), engineers, technicians and administrators. 1/3 of the staff are civil servants, the others are contractual. The majority of the research teams at the center are located in Sophia Antipolis and Nice in the Alpes-Maritimes. Six teams are based in Montpellier and a team is hosted by the computer science department of the University of Bologna in Italy. The Center is a member of the University and Institution Community (ComUE) "Université Côte d'Azur (UCA)".

About STARS team

The STARS team’s primary area of expertise lies in spatio temporal activity recognition and object detection. The team sits in INRIA Sophia antipolis campus.

Recruitment policy:
As part of its diversity policy, all Inria positions are accessible to people with disabilities.

Job Responsibilities

a) Assist in running extensive experiments and performance benchmarks over very large-scale object detection datasets.

b) Read and discuss research papers in computer vision and machine learning deemed relevant pertaining to the area of object detection.
c) Collaborate in the implementation and testing of concepts deemed relevant pertaining to the area of object detection.

Minimum Qualifications

a) Master's in computer science/ applied mathematics.
b) Highly motivated to learning new concepts and ideas in computer vision and machine learning.
c) Ability to read, comprehend and discuss top-tier papers in computer vision and machine learning.
d) Very strong implementation skills in Python 3.6 and TensorFlow.
e) Good written and spoken communication skills in English.
f) Good understanding of linux and bash scripting.

Preferred Qualifications

a) Previous experience in writing large-scale implementations in TensorFlow and Python.
b) Previous experience of conducting experiments with datasets like MSCOCO, Pascal-VOC, OpenImages etc.
c) Previous experience of reading, implementing and discussing top-tier papers in NIPS/ICML/ICLR/CVPR/ECCV/ICCV.

Above all, for this position a genuine enthusiasm is needed for learning and actively participating in high-quality research.

Salary and other benefits

a) The candidate will receive a monthly stipend of ~500 euros.
b) The candidate will be assisted with subsidized accommodation (90 euros per month to be paid by the student)
c) The candidate will also have access to highly subsidized rates of lunch at the INRIA cafeteria.
d) The candidate will also be eligible for 50% reimboursement of all public transportation costs incurred for daily commute.

How to apply

a) Send a mail with your updated CV to ujjwal.ujjwal@inria.fr

NOTES

Fees for VISA applications (if applicable), flight tickets and other administrative formalities (e.g:- OFII if applicable) will have to be incurred by the candidate.