



## Offer #2024-07876

### Internship: Video Generation

**Contract type :** Internship

**Renewable contract :** Yes

**Level of qualifications required :** Master's or equivalent

**Fonction :** Internship Research

**Level of experience :** Recently graduated

### About the research centre or Inria department

The Inria center at Université Côte d'Azur includes 42 research teams and 9 support services. The center's staff (about 500 people) is made up of scientists of different nationalities, engineers, technicians and administrative staff. The teams are mainly located on the university campuses of Sophia Antipolis and Nice as well as Montpellier, in close collaboration with research and higher education laboratories and establishments (Université Côte d'Azur, CNRS, INRAE, INSERM ...), but also with the regional economic players.

With a presence in the fields of computational neuroscience and biology, data science and modeling, software engineering and certification, as well as collaborative robotics, the Inria Centre at Université Côte d'Azur is a major player in terms of scientific excellence through its results and collaborations at both European and international levels.

### Context

The Inria STARS team is seeking for an intern with strong background in computer vision and deep learning.

The candidate is expected to conduct research related to generative models, including the development of computer vision algorithms for image and video generation.

### Assignment

Deadline for applications: October 2024. Nevertheless, the application may be closed before the deadline, if a satisfying candidate is found.

### Main activities

**Tasks involved:**

- Testing face generation algorithms, e.g., state-of-the-art deep learning techniques
- Proposing extensions to such algorithms.

### Skills

Basic programming, preferably in Python, OpenCV, deep learning framework Pytorch or Tensorflow

Strong background in applied mathematics and basic knowledge in machine learning.

### Benefits package

- Subsidized meals
- Partial reimbursement of public transport costs
- Leave: 7 weeks of annual leave + 10 extra days off due to RTT (statutory reduction in working hours) + possibility of exceptional leave (sick children, moving home, etc.)
- Possibility of teleworking and flexible organization of working hours
- Professional equipment available (videoconferencing, loan of computer equipment, etc.)
- Social, cultural and sports events and activities
- Access to vocational training
- Contribution to mutual insurance (subject to conditions)

### Remuneration

Traineeship grant depending on attendance hours.

## General Information

- **Theme/Domain** : Vision, perception and multimedia interpretation  
Scientific computing (BAP E)
- **Town/city** : Sophia Antipolis
- **Inria Center** : [Centre Inria d'Université Côte d'Azur](#)
- **Starting date** : 2024-08-01
- **Duration of contract** : 7 months
- **Deadline to apply** : 2024-07-24

## Contacts

- **Inria Team** : [STARS](#)
- **Recruiter** :  
Dantcheva Antitza / [antitza.dantcheva@inria.fr](mailto:antitza.dantcheva@inria.fr)

## About Inria

Inria is the French national research institute dedicated to digital science and technology. It employs 2,600 people. Its 200 agile project teams, generally run jointly with academic partners, include more than 3,500 scientists and engineers working to meet the challenges of digital technology, often at the interface with other disciplines. The Institute also employs numerous talents in over forty different professions. 900 research support staff contribute to the preparation and development of scientific and entrepreneurial projects that have a worldwide impact.

**Warning** : you must enter your e-mail address in order to save your application to Inria. Applications must be submitted online on the Inria website. Processing of applications sent from other channels is not guaranteed.

## Instruction to apply

### Defence Security :

This position is likely to be situated in a restricted area (ZRR), as defined in Decree No. 2011-1425 relating to the protection of national scientific and technical potential (PPST). Authorisation to enter an area is granted by the director of the unit, following a favourable Ministerial decision, as defined in the decree of 3 July 2012 relating to the PPST. An unfavourable Ministerial decision in respect of a position situated in a ZRR would result in the cancellation of the appointment.

### Recruitment Policy :

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