

# Junior Fellows in Artificial Intelligence

EFELIA Côte d'Azur

## Université Côte d'Azur and EFELIA Côte d'Azur

Université Côte d'Azur is an experimental University since January 1, 2020 and replaces both the University Nice Sophia Antipolis created in 1965 and the Community of Universities and Institutions Université Côte d'Azur created in 2015. Université Côte d'Azur now brings together 17 major academic players around the historic university core to build one of the 10 major French universities that are intensive in research.

Winner of the Idex call for projects in 2016 (UCA<sup>JEDI</sup> - Joint Excellent and Dynamic Initiative) which places it among the top 10 French universities for intensive research, it aims to build a 21st century university whose excellence will allow increase national and international visibility and attractiveness and ultimately be among the best universities in the world.

Université Côte d'Azur carries the Interdisciplinary Institute of Artificial Intelligence 3IA Côte d'Azur, in collaboration with INRIA, CNRS, INSERM, Eurecom and Skema Business School. 3IA Côte d'Azur is one of the four "Interdisciplinary Institutes of Artificial Intelligence" created in France in 2019. Its ambition is to create an innovative ecosystem, influential at local, national and international levels, and a focal point of excellence for research, education and the world of AI. Its main objective is to make AI expertise, algorithms, and tools available to academics, businesses, and the community, in order to have a significant impact in terms of economic value but also in public everyday life.

The Institut 3IA Côte d'Azur was recently laureate with the EFELIA project of an important grant from the French Government (Program "Compétences et Métiers d'Avenir"). EFELIA stands for "Ecole Française de l'IA" and aims at dramatically expanding the scale of AI education in France. The main action points are (i) the creation of pilot training courses targeted at all disciplines, (ii) the creation of educational content (MOOCs, SPOCs) that can be made available to all French higher education institutions, (iii) the labeling of national training courses in AI, (ii) the setting up and management of computing platforms and challenges for students.

## The positions

The Institute 3IA Côte d'Azur is currently inviting applications for several positions as "Junior Fellow in Artificial Intelligence". The persons selected for these positions will have to share their time between a teaching duty of 128 hours ETD (equivalent exercise session) per year and a research mission in AI within one of the laboratories of Université Côte d'Azur, INRIA, CNRS, INSERM, Eurecom or Skema Business School.

The appointments will start in September 2022. The positions are for an initial two-year term, renewable once. Notice that the teaching duties (128 hours ETD per year) are reduced compared to French university standards. The Institute offers resources to learn French.

## Profile of the candidate

Candidates should have:

- A PhD with a strong component in Artificial Intelligence, Machine Learning or Statistical Learning (or a planned Ph.D. defense in 2022),
- Research contributions in Artificial Intelligence, Machine Learning, Statistical Learning, Deep Learning and application areas such as NLP and Computer Vision.
- Publications in leading international journals (JMLR, PAMI, Statistics & Computing, IEEE Trans. on Multimedia, ...) or conferences in AI and its major fields of advancement (NeurIPS, ICML, AISTATS, IJCAI, CVPR, ICCV, ACM Multimedia, ACL, IEEE IROS, ...).
- Demonstrated ability to teach courses in Computer Science, Machine Learning and Deep Learning, Mathematics, Statistics, and to supervise projects/students in Data Science & AI. The successful candidate will teach courses at the graduate and undergraduate levels, and for engineers from companies.
- A research project aligned with one of the research axes of the Institute. We encourage candidates to prepare their research project with one of the chair holders of the Institute (see <https://3ia.univ-cotedazur.eu/research>) or the head of one of the laboratories of Université Côte d'Azur, INRIA, CNRS, INSERM, Eurecom or Skema Business School.
- French proficiency is required.

## Applications

Applications (in French or in English) should be submitted by email to [3ia@univ-cotedazur.fr](mailto:3ia@univ-cotedazur.fr), with reference 3IA/2022/EfeliaFellows as subject, **as soon as September 1<sup>st</sup>, 2022 but not later than December 20<sup>th</sup>, 2022** in order to be fully considered. The recruitment process will be done on the fly and will then continue until all the positions are filled.

Documents to include:

- Curriculum vitae with a detailed list of publications
- A statement of research and a statement for teaching (2-4 pages in total), In the teaching statement, the candidate should expose their vision of what teaching AI outside the fields of computer science and mathematics should encompass, and possible directions to design corresponding teaching materials.
- A research project detailing the link with the research axes of the Institute
- Names and email addresses of three or more individuals willing to provide letters of reference.

## Remuneration

Gross salary up to 3200€/month, depending on experience.

## Contact persons

- Charles Bouveyron, Director of the Institute: [charles.bouveyron@univ-cotedazur.fr](mailto:charles.bouveyron@univ-cotedazur.fr)
- Lucile Sassatelli, Scientific Director: [lucile.sassatelli@univ-cotedazur.fr](mailto:lucile.sassatelli@univ-cotedazur.fr)
- Vincent Vandewalle, Deputy Scientific Director: [vincent.vandewalle@univ-cotedazur.fr](mailto:vincent.vandewalle@univ-cotedazur.fr)
- Aurélie Delort, coordinator of Education program: [aurelie.delort@univ-cotedazur.fr](mailto:aurelie.delort@univ-cotedazur.fr)