INGIMA - WHO ARE WE?
INGENUITY + IMAGINATION

INGIMA is a consulting company specialised in the management and development of innovation projects. *We develop and propagate technological innovation to the ecosystem and help our partners make the most of it.*

Based in France, Belgium, Bulgaria and Israel, Ingima is a community of 250 expert engineers. We have developed centers of excellence in R&D, Big Data, Infrastructure & Security, Embedded Systems, QA Automation and Web & Digital Project Management. Our strong company culture is based on 3 pillars: **entrepreneurship, contribution and continuous learning.**

Ingima develops 4 innovatives offers with Totem, Ingicare, Ingilab and Ingimax to fulfill the expectations and needs of our partners.

THE CONTEXT - YOUR CONTRIBUTION
THE INNOVATION LAB

**Ingilab,** our innovation lab, works closely with industrials, start-ups and big companies at all levels of their R&D&I projects:

- Discovering opportunities with our partners through collaborative workshops based on Design Thinking and Lean Start-Up methodologies (Innovation Studio),
- Evaluating the potential of new technologies (POC Factory),
- Developing technological innovations and support industrialization (Agile R&D).

**Our mission**: Collaborative and Agile R&D
**Our motto**: "Explore by doing"

Artificial Intelligence, Computer Vision, Process Automation and Augmented Reality are the playgrounds of our researchers and engineers.
Here are examples of some current projects:

- Design and development of a smart engine capable of analyzing digital documents (pdf, images, photos): IA and Vision with many algorithms (graphs, clustering, geometry, ...)
- Creation of an automatic tool that recognises in a document handwritten codes: IA and Vision with neural networks and advanced image processing techniques
- Development of a solution for industrial maintenance: Augmented Reality based on HoloLens with an integration via Unity, and development and integration of components of Computer Vision
- Development of an Influencer Detection Service on Social Networks: Machine Learning Algorithm Uses and Natural Language Processing to process recovered data flows on Instagram and Twitter APIs
- Development of a vision solution for an industrial robot: high resolution and high frequency quality control

The 2019-2020 roadmap is built on a vision: **Agile and Collaborative R&D.**

- Improving our current products by diversifying the application cases: new usecases, new clients and partners, new domains
- Developing new concepts to extend our expertise and technological cores
- Launching a new offer to support large companies in their digital transformation starting from R&D

Today, our team is growing and we are looking for creative doctors. So join our team of researchers and doctors: **Agility, empowerment and autonomy** are the criteria that best characterize our team members.

Come grow with us and take part in a human adventure at the heart of digital challenges!

**THE MISSION - WHAT YOU WILL DO**

**EXPLORING AND R&D**

Attached to the R&D team and supported by our digital experts, you will contribute to and take in charge the following:

**Exploration and realization of POCs** on different technologies and applications (Computer Vision, Machine Learning, Deep Learning, Applied Mathematics):

- Development, evaluation and performance assessment
- Validation in real conditions to initiate the industrialization of the technological cores

**Partner Support in the management of R&D and Innovation projects:**

- R&D Strategy design, Risk management, Product development lifecycle
- Design Thinking workshop, Creative Problem Solving
- Industrialization process (from POC to reliable, robust and industrial product)
- Reporting on the progresses to share the knowledge gained through projects and research
PROFILE - WHO WE ARE LOOKING FOR
CURIOUS, ENTHUSIASTIC WITH AN ENTREPRENEURIAL SPIRIT

Skills: You are a very motivated researcher willing to solve the problems of our customers (start-ups and big companies) in an applied research mode.

Through your thesis, you already have a strong expertise in one of these fields: Artificial Intelligence, Applied Mathematics, Machine Learning, Computer vision.

- Diploma: Doctor
- Experience: 0 to 5 years. Young doctors are welcome!
- Strong knowledge in Algorithms & Applied Mathematics
- Development: Practice of an object-oriented language: Python, C++, Java ...
- Knowledge of a Framework in your chosen field: TensorFlow, Keras, Caffe, PyTorch or OpenCV
- Collaborative tools: Versionning (Git or Svn), Project Management (GitHub, GitLab, Trello, Jira, ...)

Attitude:

- You enjoy using algos to test your ideas and solve problems
- Prototyping and tuning are your personal missions and you think that a successful implementation is the best demonstration
- Entrepreneurial spirit: You like identifying relevant opportunities and goals and you can mobilize your colleagues and partners around your ideas
- Resourceful: You have the right balance between scientific rigor and exploring new ways of doing things, and you're creative in the solutions you bring
- Creative: you come up with original technological solutions
- Communicating: You know how to explain your research to anyone, to your peers as well as to your grandmother

Does it ring a bell to you? Just apply!

Contact: Charlène Bourse / cbourse@ingima.com