

# Join us and build the future of healthcare

## Research Engineer

Metz, Paris, Remote CDI



Apply today at  
[recrutement@i-virtual.fr](mailto:recrutement@i-virtual.fr)

# Why should you join i-Virtual ?

**Take part** in the e-health revolution by joining a dynamic start-up in HealthTech.

i-Virtual develops **innovative solutions for measuring vital signs** by camera, aiming at improving access to healthcare and helping millions of patients in France and around the world.

i-Virtual is the **only company in the world to have obtained CE IIA marking** for this type of device and is the only one to be able to integrate the patient pathway.

**Grow** within an innovative company that gives meaning to its daily missions, through its ambition and values, and where **autonomy, trust** and **solidarity** dominate. i-Virtual offers you a pleasant, dynamic working environment and numerous benefits: lunch vouchers, company health insurance and an onboarding program.

**Join** a team of 14 people committed to revolutionizing healthcare. If you join us now, you'll be helping to build a future global leader!

We are seeking a highly motivated and **experienced Research Engineer** to join our dynamic team.

As a **Research Engineer**, you will:

- participate in the development of solutions for extracting vital signs from a video stream
- participate in the improvement of our actual solutions
- participate in the accumulation of knowledge and skills of the company

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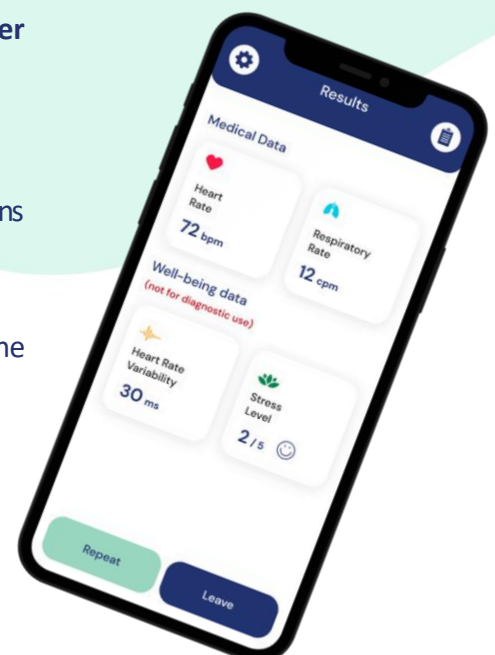
Paris, Metz  
Or remote



An immersion in  
cutting-edge  
technology



A passionate and  
adventurous team



# Research Engineer



Metz, Paris, Remote



PhD / Engineer

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## Job description

### Mission 1: Technological survey

- Technological watch on all technologies relating to his subject
- Provide state of the art to other employees on the progress of different technologies
- Find readings results
- Suggest avenues to explore with regards to different readings

### Mission 2: Implementation of innovative solutions

- Propose innovative methodologies to respond to issues related to:
  - ✓ Image processing from cameras
  - ✓ The nature of the information linked to the cameras
  - ✓ Data processing

### Mission 3: Experimentation

- Set up and make available tools to help with experimentation
- Carrying out the experiments
- Carrying out experience reports.

## Preferred skills & qualifications

The "knowledge":

- Signal and image processing
- Machine Learning / Deep Learning
- Camera hardware concepts

The "know-how":

- Prototyping
- Conducting and facilitating interviews
- Data filtering

The "know-how to be":

- Excellent organizational, analytical, and systematic troubleshooting skills
- Excellent communication and interpersonal skills
- Highly motivated, with a passion for developing tools and methods
- Excellent English language level

Technologies & tools:

- Python, Tensorflow, Keras, Jupyter notebook, Tkinter
- C++, C#
- Access (SGBD), Word, Excel, SQL
- Git