# Marie Curie Individual Fellowships 2020 for career opportunities in an edge computing software startup.

Are you looking for a job as a researcher in a highly innovative software company?

Klepsydra Technologies invites you to apply for an EC Marie Skłodowska-Curie 2020 Individual Fellowship with our support.

Deadline for first response is Friday, July 17, 23:59 CET, see below. Selected candidates will then be invited to an online interview for the MC IF application.

Candidates in the final selection will be appointed a Klepsydra PhD engineer who will support the candidate with their MC IF application filing. EU deadline is 9 September 2020.

As Marie Curie fellow at Klepsydra Technologies, you will be part of an exciting and innovative environment. We have a portfolio of software patents and you will be working on our next research project. Our software is drawing attention from companies all over the world and in several sectors including Space, robotics, IoT, embedded AI, and mobility.

When the MC IF application is granted, the fellow will be offered a temporary employment contract at Klepsydra Technologies in Zurich, Switzerland, with the opportunity to work on innovative research and personal career development goals.

**About the Marie Skłodowska-Curie Individual Fellowship**

The MC IF is a prestigious European funding scheme that supports mobility, career development and training within and beyond Europe. It offers a highly competitive salary and research funds for 12 to 24 months.

More information about MC IF 2020 can be found on the website of the European Union.

**Candidate's profile qualifications to work at Klepsydra Technologies**

To ensure a promising match we are looking for candidates who meet the following criteria:

- PhD. in computer science (specifically C/C++, embedded systems, FPGA, GPU, NPU) or 4 years research experience in the field.
- Open minded, creative, and thorough researcher.
- Follow scientific methodology and attention to detail.
- Proficient in English.
- Having previous publications in the field is not mandatory, but it is a plus.

**Field of research**
The fields of research that we are interested in are:

- Multi-thread programming
- Experience with FPGA, GPU or NPUs
- Vectorization tools OpenMP, TBB.
- Signal processing algorithms (Fast Fourier Transform, Kalman filter, etc.)
- C/C++, MATLAB, VHDL, CUDA languages

**Eligibility**

Applicants must meet the following requirements:

- Experience: Researchers in possession of a Ph.D. degree or have worked in research for the past 4 years.
- Mobility: the researcher must not have worked or resided in Switzerland for more than 36 months within the past five years at the time of deadline for submission of the proposal, September 9, 2020)
- The general Horizon 2020, MC IF eligibility criteria

**About Klepsydra Technologies**

In today's increasingly data-hungry world, the bottleneck preventing the large-scale adoption of IoT solutions is the processing of large data volumes on resource-limited devices.
Inspired by the fastest software technologies in the world: high frequency trading, Klepsydra has developed, a lightweight, platform-agnostic software development toolset for embedded systems. As usability and interoperability is embedded by design, Klepsydra's platform is an easy-to-use, accessible framework aimed at enabling the next generation of high-performance space, smart mobility, robotics and IoT embedded applications.

**How to apply for Klepsydra Technologies support for an MC IF application**

Your application for Klepsydra MC IF support must be in English and consist of:

- a cover letter, incl. your motivation and information on your research area(s) and career & learning goal(s),
- your curriculum vitae

Applications must be sent in by email to careers@klepsydra.com before 23.59 CET on Friday 17th July. Please mention Marie Curie IF in the subject of the email.

**More information**

Additional information about the research can be obtained from Dr Pablo Ghiglino, careers@klepsydra.com.