

Research engineer **FPGA design & prototyping**

HawAI.tech

HawAI.tech is an innovative startup specializing in the design and commercialization of hardware and software for probabilistic artificial intelligence. It consists today of 10 employees, mainly in the region of Grenoble (France), and also in Paris (France) and Liège (Belgium).

HawAI.tech is looking for talented people, driven and creative to shape a common ambition of becoming a major player of explainable AI, specialized in software design and hardware accelerators dedicated to probabilistic models.

Job description

You will join the hardware design team of HawAI.tech. In the process of developing its future products dedicated to hardware acceleration of probabilistic AI models, you will:

- ▶ Participate in the specification and definition of the computation architecture
- ▶ Implement those architectures on FPGA targets (Xilinx or Intel)
- ▶ Characterize the performances, document and technology watch for the architectures evolution

By joining HawAI.tech, you will evolve in an open and dynamic R&D team, listening to its different collaborators, and developing solutions at the forefront of innovation.

Required profile

Engineer and/or PhD in microelectronics, you justify of a successful experience in the design of hardware architectures and their implementation on FPGA targets. You mastered an hardware description language (VHDL or Verilog) and a programming language (C/C++ or Python).

Ideally, you have a knowledge of hardware architectures for high-performance computing and/or microprocessor architecture. You are a person autonomous, curious, and driven who is eager to learn, and you appreciate teamwork and decision-making.

Expected skills

- ▶ VHDL, Verilog, or SystemVerilog
- ▶ C/C++ or Python

Welcomed skills

- ▶ Scripting Tcl and Shell
- ▶ Basic communication level in French and English

Recruitment terms

Type de contrat	• Permanent contract (CDI)
Remunération	• In function of profile
Start date	• As soon as possible
Contact	• CV and cover letter to be sent to jobs@hawai.tech

HawAI.tech • Hardware for explainable Artificial Intelligence

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