

deployment API & use case for easics nearbAI demonstrator

summer job

- 6 weeks during July - August - September 2021
- you receive a salary from easics

summary

easics creates hardware / software development kits for its nearbAI technology. easics focuses on ease of use and speed of evaluation, in order to facilitate third-party integration. You will devise and implement a deployment API for such a kit. You will further implement a live pattern recognition use case using this API, and deploy on a suitable FPGA board plus camera. It will be situated in

- healthcare (ultra-low latency “human-in-the-loop” AI-based assistant), or
- industry 4.0 (real-time quality inspection).

keywords rapid neural network deployment, AI ecosystem integration, nearbAI

more info

- nearbAI <https://www.easics.com/deep-learning-fpga/>
<https://www.easics.com/deep-learning-asic/>
https://www.easics.com/wp-content/uploads/2020/10/nearbAI-flexible-AI-processor-close-to-the-sensors_0.pdf
- REST https://en.wikipedia.org/wiki/Representational_state_transfer

your profile

- you are an MSc student in electronics engineering or computer science
- you are a quick learner
- you have a good understanding of C++
- you have a basic understanding of machine learning
- you have a keen interest in FPGA & digital ASIC design
- it is a plus if you have any experience with REST APIs

about easics

easics is an FPGA & digital ASIC design company, with a focus on AI. easics is active in healthcare, industry 4.0, and other markets. easics is based in Leuven and was founded in 1991. Start-up spirit in a rock-solid company. <https://www.easics.com/>

contact Joost Verplancke: summerjobs@easics.be tel +32 16 395 611