

# integration of third-party ML training software with easics nearbAI technology

## 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 take a third-party training platform API and integrate its results in the easics nearbAI tool flow. This will enable our expert users to describe and train their neural network models on their preferred platform and seamlessly transfer their trained models to their nearbAI engines on FPGA or ASIC.

keywords model training, 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](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](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/>

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