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**Automatic Handwriting Digitalization Trainee**

Would you like to join Tetra Pak for a six-month internship period?

We are looking for brilliant, highly motivated college students who will support the Automation & Digital Team

In the framework of the Automatic Handwriting Digitalization Study, the main purpose of the position is to identify the technology which can quickly digitalize handwritten text using handheld devices, recognize the content, correct/convert it and store it in a locale/remote database.

**Content of the project:**

* Support the definition of the architecture of the proposed solution.
* Support the definition of the acceptance criteria to identify the most appropriate hardware and software components which will form the solution.
* Develop the Web application and the database structure.
* Identify the limitations of the proposed solution:
* Minimal dimensions of the characters of handwritten text;
* Type of stylus having the best performance (accuracy vs price);
* Type of OCR having the best performance (time, accuracy vs price);
* Guidelines related to how to write the text in a more comprehensive way;
* Performance with not-Latin characters set (e.g: Chinese, Arabian, Thai,etc…);
* The total time typing the data until the storing in the database, including the time for corrections due to conversion errors;
* The total cost of the solution.
* Act to improve the solution.

The ideal candidate is:

• A student in Electronics, Automation or Mechatronics Engineering;

• Good Knowledge of Information & Operational Technology, operating systems and IP networks

• Good knowledge of MS Office (Excel, Power Point, Access…);

• Knowledge of PLC Siemens S7 & TA Portal programming languages is considered as a plus;

• Fluent in English, both written and spoken;

• Analytical, collaborative and communicative.

*Both Male or Female applicants to the position are welcome.*

*Only applications in English will be considered.*

Relevant Courses:

[LT04] - Ingegneria elettronica e delle telecomunicazioni

[LT17] - Ingegneria informatica e dell'automazione

[LM06] - Ingegneria dell'automazione

[LM14] - Ingegneria delle telecomunicazioni

[LM17] - Ingegneria informatica

Should you be interested in this position, please apply at <https://jobs.tetrapak.com/job/Rubiera-Automation-Maintenance-Engineer-Trainee/553486001/> no later than November 5th.