

Dear American Friends of Arts & Metiers ParisTech,

I hereby, *ROMAIN GUILLAUME*, give my full authorization to publish the content of this letter on your website in recognessence of the financial support that you have provided me with.

Full Name: Romain GUILLAUME

Date: 09/13/2011

Signature

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1. Name of student, background, professional aspirations (1 paragraph, 5 lines)

My name is Romain Guillaume; I've just finished my second years in Arts et Métiers ParisTech Angers. I will complete my diploma by an expertise in rotating machines. For the moment I try to enhance my skills, by studying every thing I can in different domains. But my objective is to work in environment and more particularly in R&D for new way to produce and stock energy. I saw an interesting Master in renewable energies which could be a great completion of my formation

2. Please tell us how you were able to get your internship, and the date and length of your stay (1 paragraph, 5 lines)

I live in a world of planes since I am a child. My father is a pilot in Dassault Aviation and when I said him that I was looking for an internship in United States, I told me to look on Dassault Falcon Jet. I sent a resume and a motivation letter and the result is that I've been there since June 24<sup>th</sup> and I will leave on September 23<sup>th</sup> after 3 great months in Arkansas. By the way, the director of DFJ and some other persons there are Gadzarts.

3. Please present the company or university where you interned and the objectives of your internship (1 paragraph, 10 lines), and why you were excited to work there. (1 paragraph, 10 lines)

DASSAULT-AVIATION is one of the major players in the global aviation industry, in both civil and military application. This company is renowned worldwide for its professionalism and expertise in the aircraft's development. Its American subsidiary is called Dassault Falcon Jet in Little Rock, Arkansas. Since 1980, the facility of Little Rock is in charge of the completion activities for the civil aircrafts, the "Falcon". I was working for creating a catalog of the most used Parts of this aircraft with these objectives:

- To define a list of parts large enough to cover most design scenarios, but it must be limited enough to be useful.
- Even though the catalog was created for engineering, it should be useable by all the employees in the facility.
- The catalog should promote standard and often used parts in order to reduce its size by eliminating the parts which are not used.
- As to help designers in their work, the catalog should suggest a filter to show only the no specific parts.

First, working in the USA is a challenge for a student because you combine two unfamiliar situations: working in a company with some responsibilities and living in a stranger country. And I was excited by the two sides of this experience. But to be honest, I was so busy at the end my 2<sup>nd</sup> year that I didn't have so much time to think about my internship, so I prefer to present you how I was excited to work after becoming my internship. We were two interns on this project where everything was needed to be done. So we were considering this project like our baby, with the hope that this new tool will really bring something in the company. For sure some periods of my internship was less interesting when it was dealing with some repetitious things but I really

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enjoyed what I've done here. Moreover I had the satisfaction to be able to finish my project. One more week should have been useful but I had the time to train my successor.

4. Please tell us which expenses which will be covered by the funds provided by American Friends of Arts ET Metiers (1 paragraph, 5 lines)

Actually these funds make the difference between just a work experience and a real discover of the United States of American. It has permitted me to travel during some week-end and to discover the south of USA. I went to Memphis and visited the Gibson Factory, a dream for all guitarists. I went too to New Orleans with this rich culture of Jazz music.

5. Please summarize your internship, how you achieved the company/university's objectives (1 paragraph, 5 lines), as well as your own personal goals and lessons from this experience (1 paragraph, 5 lines), and finally how this impacted your professional aspirations (1 paragraph, 5 lines).

I started with another intern who was working for the same boss. Our first goal was to select the best candidates in a list of part in order to create a catalog. In order to reduce manual task I made the choice of developing excel macro as to facilitate the job. I had the desire of thinking of future in all the parts of my work, always creating tools that could be reusable. I spend my last week explaining all I've done to my successor, commenting my work and organizing a clear folder to give to my boss.

The best lesson of this internship for me is the human. I believe than more than 50% of the work of a manager is the human one. And as working in a company is always interesting on that point, working in the USA is as more interesting that it's a really different way to see the work. The other lessons are the knowledge I acquired in the developing of excel macro. This tools are useful everywhere, in all the domain of the industry and be able to work with it is really a good point

Actually this internship was a big opportunity for me to discover the American work but I don't want to work in this field. I plan to give all my energies for working on renewable energies and storage. But it changes my view on some method of working and some way for managing.