

Availability: **9th January 2012 – 30th August 2012**

D.O.B: 04-17-1989 (22)

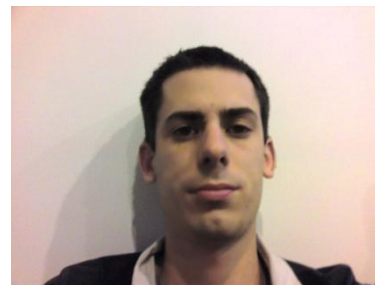
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Tugdual LE NEEL

Student Mechanical Engineer – Internship SPRING 2012

Objective

I would like to have an internship in a company I would love to work with later.

Education and Qualifications

2011-2012 Masters in mechatronics at University of Rennes 1, France

2011 Bachelor's Mechanical engineering at University of Rennes 1, France



Rennes's 1 mechanical engineering program is in partnership with Ecole Normale Supérieure de Cachan, ENS Cachan.

Personal Projects

Fall 2011 Used Catia to CAD an actual homemade kayak, did stress tests then printed a 3D model.

Summer 2011 Modified a guitar by adding 114 LED individually controlled to learn how to play the guitar.

2008-2011 **Designed and built a hybrid sports car.** It has 250hp, Yamaha R1 engine + **AZD AC55** motor, a tubular chassis and few elements from a BMW E36. I did torsion resistance test on the chassis with **Comsol 3.5** then made it with **Catia V5** to install other components.

2005-2007 I attended high school at Coppell HS, Texas I've managed 3-18 peers on university (and high school) projects, latest one is designing a hybrid race car. I have managed engineering projects under tight deadlines.

More projects have been done such as: Time fountain, useless machine, breath analyzer, cocktail machine.

Work Experience

June – August 2008

La Madeleine, Host/Waiter

Skills gained: communication, team work

Engineering Skills

Bilingual French / English (lived 5 years in Dallas, Texas)

Catia V5

Comsol 3.5

Learning C+ , Java , Mathematica , Python

Notions in electronics, will have more with my 2nd year of master (I've designed PCB).

Interests and Activities

Travel - I like meeting new people and getting to know new cultures. I am into "green" and sustainable technologies. I enjoy making arduino projects (electronics). I'm currently learning the guitar and Muay Thai. Automobile is my favorite interest.

References

Available upon request