

## Educations

- **Laboratory of computer science, image and interaction - L3i** La Rochelle, FR  
*Ph.D. in image processing* Oct. 2011 – Present
  - Subject: detection and recognition of complex objects from digitalized comic books
    - \* State of the art of color image segmentation, description and indexation
    - \* Scientific journal publications and conferences
- **Laboratory of the automated systems engineering - LISA** Angers, FR  
*Research Master in Dynamic System and Signals* Oct. 2010 – Jul. 2011
  - Key Courses: image processing, signal processing, statistical processing of information, robotics
  - Project: method and application to optimize windowing of CT images (700h)
    - \* image interpretation by topologic and photometric a priori knowledges through inference engine
- **Engineering school - ISTIA** Angers, FR  
*Computer Engineering and Automation* Sep. 2008 – Feb. 2011
  - Key Courses: Unix & Windows programming, cost analysis, web development, network security, virtual reality, signal processing, monitoring, traceability, data communications, real-time, embedded systems
  - Project: image matching method based on mapping (80h x3)
    - \* Object recognition and learning process (Scale Invariant Feature Transform )
- **Technical institute - IUT Salon de Provence** Marseille, FR  
*Three-year degree in automatism and network system* Sep. 2007 – Jul. 2008
  - Project: creating a virtual instrument (with Labview) for students (135h x2)
    - \* Oven temperature regulation with air flow perturbation

## Experiences

- **Traveltura.com Ltd - On-line travel agency** Kent, UK  
*IT Engineer* May 2010 – Aug. 2010
  - IT department management, network assistant - **communication**
  - Web development, hosting, Search Engine Optimisation, web design training - **brainstorming**
- **Bontour - Tour operator** Jersey, UK  
*Representative - Meeting and greeting European groups* May 2009 – Aug. 2009
  - Training on computers, designing templates - **training**
  - Scheduling day tours - **organisation**
- **ERM automatismes - Didactic solutions** Carpentras, FR  
*Design technician* Apr. 2008 – Aug. 2008
  - Designing and implementing 12 controlled regulation systems for gassed drink - **optimisation**
  - Designing an embedded system with on-line remote access - **ergonomy**
- **Campbells Soup - Aseptic potage** Le Pontet, FR  
*Maintenance agent* Apr. 2005 – Jul. 2005
  - Updating production safety system
  - Working with safety and hygiene standards

## Skills

**Languages:** fluent in English (TOEIC 900), some conversational abilities in Spanish, French (mother)

**Programming:** .NET (C#, ASP, VB), C++, Java, Python, Linux, UML, Bash, PHP, HTML5/CSS2, MySQL, Oracle

**Software:** MatLab, Labview, MS Visual Studio, NetBeans, Eclipse, Gimp, Inkscape, L<sup>A</sup>T<sub>E</sub>X, Wireshark

**Hobbies:** Web design, ecology minded, pool, model car, biking, badminton and tennis.