

## Educations

- **Ph.D. in computer vision and document analysis** La Rochelle, FR  
*Laboratory of computer science, image and interaction - L3i* 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
- **Research Master in Dynamic System and Signals** Angers, FR  
*Industrial Systems Engineering School - ISTIA* 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
- **Information Technology and Automation Engineer** Angers, FR  
*Industrial Systems Engineering School - ISTIA* 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 )
- **Three-year degree in automatism and industrial network system** Marseille, FR  
*Technical institute - IUT Salon de Provence* Sep. 2007 – Jul. 2008
  - Project: creating a virtual instrument (with Labview) for students (135h x2)
    - \* Oven temperature regulation with air flow perturbation

## Experiences

- **Osaka Prefecture University - Intelligent Media Processing** Osaka, JP  
*Research stay* Jan. 2013 – Mar.2013
  - Comics character detection - **research**
  - Comics ground truth construction - **collaboration**
- **Computer Vision Center - Document analysis** Barcelona, ES  
*Research stay* May. 2012 – Jul.2012
  - Text localisation in comics - **research & publications**
  - Comics ground truth construction - **collaboration**
- **L3i - Computer vision and document analysis** La Rochelle, FR  
*Doctoral researcher* Oct. 2011 – present
  - State of the art of comics content understanding - **research**
  - Journal and scientific conference publications - **communication**
- **LISA - Automated systems Engineering** Angers, FR  
*Research internship* Mar. 2011 – Jul. 2011
  - State of the art of CT image topologic and photometric interpretation - **research**
  - Windowing optimization and segmentation of abdominal CT images - **diagnostic assistance**
- **Traveltura.com Ltd - On-line travel agency** New Romney, 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** St. Helier, UK  
*Representative - Meeting and greeting European groups* May 2009 – Aug. 2009

- Training on computers, designing templates - **training**
- Scheduling day tours - **organisation**

## Publications

### **Automatic Text Localisation in Scanned Comic Books**

*International Conference on Computer Vision Theory and Applications (VISAPP)*, pp. 814-819, 2013

- Christophe Rigaud, Dimos Karatzas, Joost van de Weijer, Jean-Christophe Burie, Jean-Marc Ogier

### **Robust frame and text extraction from comic books**

*Graphics Recognition. New Trends and Challenges (LNCS)*, vol. 7423, pp. 129-138, 2013

- Christophe Rigaud, Norbert Tsopze, Jean-Christophe Burie, Jean-Marc Ogier

### **Extraction robuste des cases et du texte de bandes dessinées**

*Colloque International Francophone sur l'Écrit et le Document (CIFED)*, pp. 349-360, 2012

- Christophe Rigaud, Norbert Tsopze, Jean-Christophe Burie, Jean-Marc Ogier

## Skills

**Languages:** French (mother), English (TOEIC 900), Spanish (intermediate), Japanese (elementary).

**Programming:** Python, Java, C++, UML, Bash, PHP, HTML, CSS, .NET (C#, ASP, VB), MySQL, Oracle.

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

**Hobbies:** Biking, web design, racket sports, pool.

Last updated: May 27, 2013