

## WORK EXPERIENCE

### Since December 2012

Paris - France &  
Brussels - Belgium  
[www.lucena.me](http://www.lucena.me)

### UX Consultant

- » Qualitative research / Services design / User experience;
- » Development of experimental protocols and execution of tests with eye-tracker.
- » Desktop, Web and Mobile Interface Design;
- » Interaction design / Wireframes, Axure prototypes;
- » HTML Prototypes / Advanced front-end development.

### April - Septembre 2012

Alcatel-Lucent Bell Labs France  
[www.alcatel-lucent.fr](http://www.alcatel-lucent.fr)

### Ergonomist R&D

- » Research for the development of an immersive communication software;
- » Development of interactive interface prototypes (Adobe Flash AS3);
- » Development of experimental protocols and execution of tests with eye-tracker.

### June 2004 - May 2012

Móvil Comunicação - Brazil  
[www.dmo.com.br](http://www.dmo.com.br)

### Ergonomist, Designer and Front-end developer (assoc.director)

- » User Experience, Interface design and front-end development;
- » Information Architecture, Usability engineering and Web Accessibility;
- » Graphic and Product design;

### June 2005 à November 2009

C.E.S.A.R. Recife Centre for advanced  
studies and systems - Brazil  
[www.cesar.org.br](http://www.cesar.org.br)

### Ergonomics Consultant / Specialist in user experience / Interface Designer

- » User experience;
- » Virtual prototyping and wireframes;
- » Interface design;
- » Product design;

### January 2007 - Mars 2008

Pitang Agile IT - Brazil  
[www.pitang.com](http://www.pitang.com)

### Web accessibility Consultant / Technical leader

- » Planning and execution of website accessibility programs;
- » Technical Coordination of the development group.

### April 2004 - June 2005

C.E.S.A.R. - Brazil  
[www.goo.gl/rcq8x](http://www.goo.gl/rcq8x)

### Digital TV Interface Designer

Researcher/designer of DVB-H et DVB-T user interfaces for the INSTINCT Project, developing trend reports, personas and scenarios of use.

### April 2002 - May 2004

Design Strategy - Brazil  
currently: [www.insitum.com](http://www.insitum.com)

### Designer R&D

Participation in the development of ethnographical research; graphic design, user interfaces and product design projects.

## EDUCATION

### 2011/2012

University of Metz - France

### Master – Ergonomics and Human Factors Engineering **F.C.H**

After working in the domain of usability engineering in Brazil for more than ten years, when I arrived in France with my wife I decided to validate my professional experience before going to the job market.

### 1999 - 2002

Federal University of  
Pernambuco – Brazil

### Industrial Design **F.C.H**

Solid scientific and technical background for the management of projects and the design of consumer products and services.

# skilled UX ergonomist & designer

## SOME SKILLS

### User Experience / Design Thinking

Experience with all the activities related to the software development lifecycle, from the first research until product release: ethnographic research and interviews for the identification of tasks; benchmarks; design thinking and participatory design workshops; paper prototyping; interaction design, guidelines, heuristic evaluation, development of horizontal et vertical prototypes and user testing.



**The document in attachment presents briefly some of the projects I developed.**

*Experience in the introduction of the concepts of user centred design at a company with 700 employees in Brazil, which was presented in a paper at the 11th International Conference on Human-Computer Interaction*

### User testing

Experience in the development of questionnaires, recruitment of participants, execution of tests, analysis of results and writing of reports in English, French and Portuguese.

*I have already done tests for the development (over mock-ups of products and wizard-of-oz interfaces) and also for the identification/correction of problems.*

### Ethnographic Research

This knowledge was first acquired at a company specialized in researches for innovation, next I applied it in the IT industry in Brazil, for the identification of user needs and the identification of opportunities for innovation.

### Heuristic Evaluation

The evaluation of interfaces based on the Nielsen's and Scapin & Bastien's Heuristics.

### Wireframes

Development of interfaces and interaction schemes with pencil on paper and also with software tools like Balsamiq, MS Visio, Axure RP and Omnigraffle.

### Eye-tracking

Experience in the definition of experimental protocols and in the execution of eye-tracking-based tests.

*Extensive background on the theories about human vision, visual perception and attention, with projects developed on the subject.*

### Graphic Interfaces Design

Solid background on graphic design and more than 10 years of experience on the development of graphical user interfaces.

### Front-end development

Excellent background on HTML5, CSS3, JQuery, NodeJS, GulpJS, AngularJS, and also with content management systems in PHP and MySQL, with many projects developed.

### Web Accessibility

For more than a year I was the technical leader of the web accessibility team, responsible for the correction of problems of accessibility of one of the biggest governmental websites in Brazil, and many other accessible rich interface projects.

## COMPUTER SKILLS

### HCI / UX

Morae, Tobii Studio, Axure RP Pro, Balsamiq, Protoshare, Sketch...

### Webdesign / Coding

Advanced skills on HTML5, CSS3, JS (jQuery, NodeJS, GulpJS, AngularJS)...

### 2D and 3D graphics

Photoshop, Illustrator, Indesign, 3D Studio Max, Rhino 3D, Autodesk Inventor...

## LANGUAGES

### Portuguese

Mother tongue

### English

C1 (advanced)

### French

C1 (fluent)

### Spanish

Written communication (intermediate) and oral (basic)