

## Blanca MANCILLA

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*github:* <https://github.com/bluciam>



*Written, spoken:* English, French, Spanish.  
*Other:* German, B1 level, currently in Goethe Institut.

## Professional Profile

I have +10 years of experience in IT and over year and a half in Web development. I want to use my skills in design, documentation, coding, problem solving, leadership, mentorship and communication in a development team. I am always learning and experimenting with current technologies, attending MeetUps, reading or writing technical blogs, or on Twitter.

## Current

2012–2015     **Consultant**, Montreal, Canada (Web developer and Technical Writer)

- 1.5 years experience on *Ruby on Rails*
- Front end development using CSS, bootstrap, HTML
- External storage using Amazon Web Services, S3
- *MailChimp* interface
- Interaction with database APIs (*postgresql*, *sqlite3*)
- Testing infrastructure using *RSpec*
- User authentication using *Devise*
- Software repositories in *github* and *bitbucket*
- Excellent writing skills

Front-end example:

– <http://vinka-creations.bitballoon.com>

Back-end and front-end, testing phase:

– <https://evening-harbor-6988.herokuapp.com>

## Computer skills snapshot

- **Web programming** in Ruby on Rails, testing, CSS and Bootstrap, HTML.
- **Open source** development tools, Linux, shell scripting, command line interface, git, github, bitbucket, L<sup>A</sup>T<sub>E</sub>X, software building tools, OpenStreetMap.
- **Teaching knowledge** in programming languages, C, object-oriented languages, Java, functional languages, Haskell, geographical information systems, ArcGIS, human computer interaction, information systems, computer graphics.
- **Beginner** in JavaScript, JQuery, Python, Django.

**SuperSpreadSheet (S<sup>3</sup>)**, <https://github.com/bluciam/superspreadsheet>

The purpose of this project was to demonstrate the use of contextual electronic documents: case study, the multi-spreadsheet. It covered conception, research, design and implementation.

**Anita Conti Mapping Server**, <https://github.com/bluciam/anita-jsp-2005>

The ACMS project was developed as a proof of concept. Development iterations had to accommodate the constant change of requirements, tools and research discoveries. It was successful in its purpose.

**TransLucid Project**, <http://sourceforge.net/projects/translucid>

As a team member, I was part of the design and planning stages of creating the TransLucid language. I devised the documentation structure and tailored it to different audiences. As the first user, I was the main interactive tester of the system.

## Education

1999–2004	PhD, Computer Science, UNSW Australia, Sydney
1993–1995	MSc, Geomatic Sciences, Laval University, Québec, Canada
1992–1993	French as a second language, Laval University, Québec, Canada
1990	Seminar on Research, Summer Program, SUNY at Stony Brook, USA
1989–1991	BSc, Computer Electronic Science, Iona College, NY, USA
1984–1988	BEng, Computer Systems Engineering (four of five years), Industrial University of Santander (UIS), Colombia

## Previous Positions

2004–2016	<b>Faculty Member</b> , UNSW Australia, Sydney
2009–2012	<b>Faculty Member</b> , University of Technology, Sydney (UTS), Australia
1993–1995	<b>Student Assistant</b> (Remote Sensing),
1991–1992	<b>System Administrator</b> , IBM AS/400, Electro-Alloys, NY, USA

## Conference and Workshops Organization

2001–2002	<i>International Conference on Distributed Communities on the Web</i> , DCW 2002 Local Arrangements Chair: Webmaster; budget and conference manager.
2000–2002	<i>Women in Computing</i> , UNSW, Director and founder: Liaison between community stakeholders; conception of events.
2000–2003	<i>Girls in Science and Technology Workshops</i> (an Anita Borg initiative), Founder, organizer, host: HTML, lego mindstorms and iMovie workshops.

**Publications**, <http://plaice.web.cse.unsw.edu.au/archive/BLM>

Total	28	Books	1	Book Chapters	1
		Journal Articles	5	Theses	2
		Conference Articles	17	Compilations	2