

Blanca MANCILLA

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Email: blancalmancilla@gmail.com
Blog: superspreadsheet.wordpress.com
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 a year in Web development. I want to use my skills in coding, problem solving, design, writing, documentation, formalization, leadership, lectureship and communication in a development team. I am always learning and experimenting with current technologies, attending MeetUps, or on Twitter.

Computer skills snapshot

Web programming in Ruby on Rails, testing, CSS and Bootstrap, HTML.
Open source development tools, Linux, scripting, git, github, bitbucket, \LaTeX .
Teaching knowledge in C, C++, JSP, Java, Haskell, ArcGIS, geographical information systems, human computer interaction, information systems, computer graphics.

Current

2012–2015 **Consultant**, Montreal, Canada

- Web developer:
 - From design to deployment as sole developer in Ruby on Rails for a Montreal startup (on going).
 - Front-end development including own design using CSS and HTML:
<http://vinka-creations.bitballoon.com>.
- Technical Writer: rewrite developers' interviews as reports and grant proposals.

Research Software

SuperSpreadSheet (S^3), <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 **Faculty Member**, UNSW Australia, Sydney
 - Theses Supervisor, assessor, advisor. Lecturer (Computer Science).
 - Researcher, team member, documentation writer, software evaluator.
 - Assignment conception, specification, deployment and marking.
- 2009–2012 **Faculty Member**, University of Technology, Sydney (UTS), Australia
 - Lecturer, curriculum redesigner, specification writer.
- 1993–1995 **Student Assistant** (Remote Sensing), Laval University, Québec, Canada
 - Lecturer-tutor, software lab instructor, marker.
- 1991–1992 **System Administrator**, IBM AS/400, Electro-Alloys, NY, USA

Conference and Workshops Organization

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

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