

Blanca MANCILLA

In LinkedIn

4265, rue Jean-Brillant
Montréal (Québec) H3T 1P2, Canada
+1.514.591.2007
Email: blancalmancilla@gmail.com
Blog: superspreadsheet.wordpress.com
github handle: 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 inter-communication in a development team. I am always learning new things, experimenting the latest technologies or on Twitter.

Computer skills snapshot

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

Current

2012–present **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 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, Sydney, Australia
- 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),
Universidad Industrial de Santander (UIS), Colombia

Past Positions

- 2004–2016 **Faculty Member**, University of New South Wales (UNSW), Australia
 - Theses supervisor, assessor, adviser; lecturer in 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 and specification writer.
- 1993–1995 **Student Assistant** in Remote Sensing, Laval University, Québec, Canada
 - Group tutor, software lab instructure, marker.
- 1991–1992 **System Administrator** of 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:
Liaison between community stakeholders; conception of events.
- 2000–2003 *Girls in Science and Technology Workshops*, UNSW, Founder organizer:
Workshops on HTML, lego mindstorms and iMovie; host.

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

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