Blanca MANCILLA

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Blog: superspreadsheet.wordpress.com
github: github.com/bluciam

Written, spoken: English, French, Spanish.
Other: German, B2 level from Goethe Institut.

Professional Profile

I have +10 years of experience in Computer Science research and teaching, and more than two years in Web development.

Positions

2015–now   **Senior Web Developer**, Mentel, Montreal, Canada
· Design of new features on existing sites and overall structure for new sites.
· Maintenance of production sites including bugfixing.
· Deployment, database maintenance and backup.

2013–2015   **Consultant**, Montreal, Canada (Web Developer and Technical Writer)
· From conception to deployment of the web portal for LORI.biz, a Montreal startup.
http://www.lori.biz
· Design and front-end development using CSS and HTML of a static site.
http://vinka-creations.bitballoon.com
· Technical Writer: Rewrite developers' interviews as reports for tax rebate claims.

2004–2015   **Faculty Member** (in Computer Science), UNSW Australia, Sydney
· Lecturer; theses supervisor, Researcher, Course administrator and lecturer-tutor

2009–2012   **Faculty Member**, University of Technology, Sydney (UTS), Australia
· Lecturer; curriculum redesigner; specification writer.

Computer skills snapshot

· **Web programming** in Ruby on Rails, testing, CSS and Bootstrap, HTML, hook up to third party services (S3 buckets, Stripe, MailChimp, databases, social media).

· **Tools** Databases: mysql, postgres; Version control: github, bitbucket; Hosting: heroku, digital ocean, amazon services.

· **Some languages and frameworks** Ruby and Rails, Python, Django, PhP, C.
· **Open source** development tools, Linux, shell scripting, CLI, git, LaTeX.

SuperSpreadSheet (S^3), `https://github.com/bluciam/superspreadsheet`

> The purpose of this project was to display contextual electronic documents using the experimental programming language TransLucid. The case study used was a multidimensional spreadsheet and the framework was based on `gtkmm`.

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

> This multilingual, multiversion collaborative tool was developed using JSP and the in-house library `intense`. Development iterations followed a constant change of requirements and research discoveries. The prototype was the base for my PhD.

TransLucid Project, `http://sourceforge.net/projects/translucid`

> The project consisted of developing the concepts of Cartesian Programming and TransLucid. My role in the team was to participate in the planning stage, and to design the documentation structure. I was also the first user and tester.

Education

1999–2004	PhD, Computer Science, UNSW Australia, Sydney
1993–1995	MSc, Geomatic Sciences, Laval University, Québec, Canada
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

Conference and Workshops Organization

2015	*PyLadies MeetUp Montreal* Presentation: *Learn to love the command line* (slides here) Workshop (in preparation): *git and gihub for Pythonists*
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: 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