Emmanuel CORNET

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Born january 21st, 1981 in Paris, France

http://ma.nu

EDUCATION

2003—2006	**École normale supérieure** (Paris), Bachelor's and Master's in Computer Science (***magna cum laude***).
2002—2003	**École normale supérieure** (Lyon), Master's Degree in Physics, Bachelor's in biology. Practice in nuclear physics, molecular biology, fluid mechanics, etc.
2001—2002	École supérieure de physique et chimie industrielles de Paris (**ESPCI**), 1st year. Bachelor's in chemistry. Practice in organic chemistry, molecular biology, neurophysiology, fluid mechanics, quantum physics, etc.
1999—2001	Preparation for the competitive entrance examination to French Science Schools, (1st year : Lycée **Saint-Louis**, 2nd year : **free candidate**), Paris.

EXPERIENCE

Science & Computers

Since 2007	Software Engineer at **Google** Inc. Gmail front-end (2007 – 2015), Chrome & Android (2015 – now).
2006—2008	**Bioinformatics teacher** at Paris 7 University.
2005—2006	Completed **Google's Summer of Code 2005 and 2006** program (Ubuntu, One Laptop Per Child).
2005—2007	**Open source developer**. Official member of Ubuntu. Created http://whylinuxisbetter.net , translated into ~ 40 languages.
2005	**Internship** in **computer vision**, supervised by Renaud Keriven (6 months).
2005	Wrote an Open source program for smart texture generation (GIMP Texturize).
2003—2006	Maths **teacher** in the Lycée Saint-Louis (bachelor level, 200 hours).
2003	**Consulting** for Danone : web-based user interfaces to control databases with geographical data.
2003—2004	**Internship** in **bioinformatics** (Paris), supervised by Eduardo Rocha (3 months).
2001—2002	Maths, physics and chemistry private tutor, high school to bachelor levels ($\sim$ 200 hours).

Graphics

Since 2010	Cartoonist at http://bonkersworld.net . Comics published in the New York Times, *Der Spiegel*, Mashable, Business Insider, Daring Fireball, ifanr, various books.
2008	Designed Zoozimps cartoon characters (used in Gmail).
2004—2006	Made **book covers** for «H&K » publishing (30 books).

Publications

2012	*The Crab and the Lamb*, published on all ebook platforms (translated from the French.)
2009	Website : http://routeurhadopi.fr prank against a French internet law.
2005—2006	**Director of** a **book collection** about computers and software, *Technique & Pratique* (10 books).
2005—2006	**Author** of the **books** (titles translated from the French) "Discover the Chinese language", "99 tips to succeed in prépa", "Switch to Firefox".
2005—2006	**Coauthor** of the **books** (titles translated from the French) "Make Windows safe in 5 steps", "Install Linux" and "LATEX for the impatient" (H&K).
2006	**Article** in France's Linux Magazine (texture synthesis).
2005	*Comparative and Evolutionary Analysis of the Bacterial Homologous Recombination Systems*, **PLoS Genetics**, second author.
2001—2009	**Contributed to 45 books** for science students (bachelor level, maths, physics, chemistry, computer science), H&K publishing.

Music

2004	**Album** "Distance & Temps" published under a free license (http://jamendo.com/list/a1290).
1997—1998	Director of the jazz section in the Lycée Claude Monet (Paris) orchestra. Concerts in Russia in 1997.
1995—2002	**Bass and guitar player** in several jazz bands (τΕTRAKARTEτ, Ligne 4, Triometrix, Solaris), concerts in numerous parisian jazz clubs (Petit Journal Montparnasse (6 concerts), La Balle au bond, Les Sept Lézards, Le Gibus, etc.), Chaillol Festival (Alpes), French Ministry for Culture (2002).

SPOKEN LANGUAGES

- **French** : mother tongue.
- **English** : fluent (TOEFL 116/120).
- **Chinese** (Mandarin) : fluent. Beginner in the Shanghai dialect.

COMPUTER SKILLS

- **Programming** : experience in web application, Java, JavaScript, HTML/CSS, C, C++, Python, Android and iOS applications, GTK+, Perl, PHP, LATEX and PostScript.
- Long practice of **Photoshop, Indesign, Illustrator** ; Gimp, Inkscape ; Blender ; Cubase.
- **Hardware** : desktop/server building (from choice of parts to production state), web servers (Linux Debian/Ubuntu).