Michel Tu

Contact

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Software Engineer

Education

Jan. 2012 Sept. 2009	Master student at **Tsinghua University** (Beijing) *Major in Computer Science - Average grade 86/100*
Sept. 2009 Sept. 2007	Engineering student at **École Centrale Paris** *General Engineering school - Average grade A-*
Sept. 2007 Sept. 2004	Classe préparatoire at **Vaugelas** (Chambéry) and **La Martinière Monplaisir** (Lyon) *Intensive study of mathematics and physics for competitive exams* *Admitted to ENS Lyon and ENS Cachan in mathematics*
Jun. 2004	**Baccalauréat** with *high honours* and *Italian European section*

Skills

Programming languages	**Python, Java, Javascript, PHP**
Other technologies	**Android, Apache, HTML, CSS, SQL**
Languages	**French** (*Mother tongue*), **English** (*Fluent*), **Italian** (*Conversational*), **Chinese** (*Conversational*)

Work experience and Academic projects

Oct. 2011 Sept. 2011	**Developer** for an online pdf viewer for scientific publications of arnetminer.org *Convert pdf to html in Java* *Build a comment system in Javascript and JSP* *Build a recommendation system of publication in Javascript, JSP and Java*
Jun. 2011 Apr. 2011	**Developer** for an Android application for postitnow.org *Build a client for Android Phone for a Twitter like website*
Apr. 2011 Sept. 2010	**Developer** for a sentiment mining research project *Retrieve data on social networks (Twitter, Renren etc.) in Python* *Improve lexicon used to detect emotions with contextual information in Python and C++*
Dec. 2009 Nov. 2009	**Developer** for an academic project to detect spam in Python *Use a hidden Markov model and a stochastic, random restart hill climbing with multiple grids*
Mar. 2008 Feb. 2008	**Developer** for the Junior Enterprise of Centrale Paris *Build a PHP CMS for a mathematics laboratory*
Feb. 2008 Sept. 2007	**Developer** for an academic project *Build a user interface for a shopping website with Javascript*
Nov. 2011 Sept. 2009	**Mathematics teaching assistant** at Centrale Pékin *Oral examinations and tutorial classes for undergraduate students*

Personal projects

Mar. 2012 Mar. 2012	**Developer** for a project about Benford's law on Twitter *Build a real-time web application with Node.js*
Mar. 2011 Feb. 2011	**Developer** for a Flashcard Android application, Redcard *Build a Flashcard application to learn Chinese, supported by nciku.com*
Jun. 2008 Mar. 2008	**Developer** for *Les cordées de la réussite of Centrale Paris* (OPEN) open.campus.ecp.fr *Take part in the activities of the association that support disadvantaged students* *Build web information system to schedule meetings and relay information*
Oct. 2007 Sept. 2007	**Developer** for a personal project, lorem.fr *Generate fake text using conditional probabilities with PHP*
Feb. 2009 Feb. 2003	**Founder, administrator, webmaster** of *teknopole.com* *Build a web CMS in PHP for personal Photoshop tutorials - 1000 visitors per day*

Additional information

Sept. 2009	Awarded a full **scholarship** to attend Tsinghua University, 2009-2012
May 2009 May 2008	**Chairman** of the **magic** club of Centrale Paris Teaching, Organization of shows (especially for charity purposes), Entertainer for Galas
May 2009 May 2008	**Chairman** of the **badminton** club of Centrale Paris Responsible for training, Organization of competitions
Interests	**New technologies**, **Scientific breakthroughs**, **Mathematics**