

Research Interest	My research interests lie primarily in Web design, user interaction, data analysis and information retrieval.	
Education	University of technology of Troyes, Troyes, France Ph.D. in Computer Science	September 2005-June 2009
	North China Electric Power University, Beijing, China Master of Science in Computer Science and Engineering	September 2002-July 2005
	North China Electric Power University, Beijing, China Bachelor of Science in Computer Science Graduated with Highest Honors	September 1997-July 2001
Work Experience	Beijing Zhongdian Puhua Information Technology Co., Ltd. Beijing, China Led a team fostered innovative work on the project of the e-Commerce Platform of State Grid Corporation of China.	Project Manager 2012 – Present
	Nostos Technology Ltd. Beijing, China Developed new online learning techniques; worked on deployment algorithms for ambulance deployment.	Chief Technology Officer 2010 – 2012
	Cogniva Europe Troyes, France Developed a folksonomy based document management system called "Semiotag" for France Telecom S.A.	Senior Software Engineer May 2009 - July 2010
	Wangfang Data, Inc Beijing, China Developed e-Business publish management system for China publications import & export corporation.	Web Programmer 2001-2002
Projects	e-Commerce Platform of State Grid Corporation of China A unified information platform created by State Grid Corporation of China, it used to support multiple procurement methods, flexible procurement policy, all-around procurement applications, modular contract administration, convenient electronic transaction, highly-efficient vendor collaboration, effective vendor performance management, complete procurement process monitoring, and versatile procurement data analytics for the purpose of improving quality, performance, and productivity of centralized procurement. http://ecp.sgcc.com.cn	Summer 2012 - present
	e-Commerce platform for small B2C business company The e-Commerce platform is targeted to small B2C business company, the platform is work out-of-the-box that allows those companies to set it up with minor configs. Administrator can easily presents products to clients, and get paid by Alipay. The web pages are implemented with Twitter Bootstrap, the back end RESTful web services are implemented with Python (based on Django framework) and MySQL. Memcached is also well supported in this platform.	Spring 2012 - Summer 2012
	RESTClient RESTClient is a Firefox add-on, it's designed for testing RESTful web services. It's developed with XUL and JavaScript, and recently it has been re-write with JavaScript with Twitter bootstrap 2.0.2. RESTClient is a very popular Firefox add-on, it has about 100,000 active users. http://www.restclient.net	Spring 2006
	uPassword uPassword is a password generator, it helps user to create and manage secure passwords. uPassword was developed as browser plugins (support Safari, Google Chrome, Firefox), iOS app,	Winter 2011

and Android App.
<http://www.upassword.com>

Implementing a Folksonomy on the Architecture of NoSQL Spring 2011
Implement an model using a metrics to calculate the distance of documents, and to help finding the nearby documents. Implement the model on NoSQL database "CouchDB". This project is funded by CNRS (National Center for Scientific Research, France). I finished this project by remotely collaborating with Tech-CICO laboratory, UTT, France.

Semiotag Spring 2010 - Spring 2011
Semiotag is a document management system which implement with Folksonomy. The project is outsourced from Cogniva Europe (France). The applications are developed by C# and implemented on Microsoft cloud platform (Windows Azure). The web services and web applications are developed with C#, MSSQL, and jQuery.

Nostos Content Management System Spring 2010 - Spring 2011
Nostos CMS is developed with Python, PHP and MySQL. This management system adopted a lot of HTML5 and CSS5 technologies.

LaSuli Spring 2008 - Fall 2011
LaSuli is a Firefox add-on, which is used for social annotation for qualitative analysis. Currently is used by students in Liège University (Belgium) and Troyes University of Technology (France). It's released under the GNU General Public License.
<https://github.com/Hypertopic/LaSuli>

Argos and Agorae Winter 2005 - Fall 2011
Argos is an implementation of Hypertopic model. It has been successfully used to manage multi-viewpoints catalogues built by: managers (France Telecom, Airbus), mechanical engineers (ABB), and researchers (ANDRA & social scientists, Open archive, UNESCO diaspora knowledge network), etc. It's developed with PHP and PostgreSQL, and it has been adopted to Apache CouchDB database in the later of 2009.
<https://github.com/Hypertopic/Argos>
<https://github.com/Hypertopic/Agorae>

i-Semantec Sprint 2007 - Spring 2009
The i-Semantec project, funded by ANR (Agence nationale de la recherche, France), was developed in the context of the issues of knowledge capitalization, management and reuse among large industrial corporations. The project aims at building a Web 2.0 application to integrate the data and document from PLM (Product Lifecycle Management)
Partners: Cadensis, ICD/Tech-CICO, Topica tools, ABB.
<https://github.com/Hypertopic/Protocol/wiki/Isemantec>

CogDoc Sprint 2007 - Summer 2009
The project CogDoc aims at providing a Web 2.0 platform for sharing course materials (slides and audio/video records) among teachers and students from French speaking universities related to an international and interdisciplinary research group.
<https://github.com/Hypertopic/Protocol/wiki/CogDoc>

Qualifications *Programming Languages:* Python, JavaScript, CSS, PHP, C#, MySQL, PostgreSQL, Objective C

Libraries and Tools: Vim, L^AT_EX, Adobe Suite, Microsoft Visual Studio, Eclipse, TextMate, XCode

Publications REFEREED ARTICLES
2010 Éloge de l'hétérogénéité des structures d'analyse de textes (Aurélien Béné, Christophe Lejeune, Chao Zhou), *In Document numérique*, Hermès-Lavoisier, volume 13, pp. 41-56, 2010.

CONFERENCE PAPERS
2011 Web 2.0 & Serious Game: Structuring knowledge for participative and educative representations of the City (Jean-Pierre Cahier, Nour El Mawas, Aurélien Béné,

Chao Zhou), *In International Conference on Smart and Sustainable City, Shanghai, 6-8 July 2011*, 2011.

- 2008 Intelligence qualitative dans la gestion de risque : rôle de la documentarisation et des Systèmes d'Organisation des Connaissances** (Manuel Zacklad, Jean-Pierre Cahier, Aurélien Bénel, L'Hédi Zaher, Christophe Lejeune, Chao Zhou), *In Actes des 19e journées francophones d'ingénierie des connaissances (IC'2008)*, 2008.
- 2008 From the crowd to communities: New interfaces for social tagging** (Chao Zhou, Aurélien Bénel), *In Proceedings of the eighth international conference on the design of cooperative systems (COOP'08), Carry-le-Rouet, May 20-23, 2008 (Parina Hassanaly, Athissingh Ramrajsingh, Dave Randall, Pascal Salembier, Matthieu Tixier, eds.)*, Institut d'Études Politiques d'Aix en Provence, pp. 242-250, 2008.
- 2007 Hypertopic : une métasémiotique et un protocole pour le Web socio-sémantique** (Manuel Zacklad, Aurélien Bénel, Jean-Pierre Cahier, L'Hédi Zaher, Christophe Lejeune, Chao Zhou), *In Actes des 18eme journées francophones d'ingénierie des connaissances (IC2007) (Francky Trichet, ed.)*, Cépaduès, pp. 217-228, 2007. (ISBN 978-2-85428-790-9)
- 2006 Towards a standard protocol for community-driven organizations of knowledge** (Chao Zhou, Aurélien Bénel, Christophe Lejeune), *In Proceedings of the thirteenth international conference on Concurrent Engineering, Antibes, September 18-22, 2006*, Amsterdam: IOS Press, volume 143, pp. 438-449, 2006.

OTHER PUBLICATIONS

- 2009 Scaling up the Socio-semantic Web: Application protocol and user interfaces** (Chao Zhou), *In* , Université de technologie de Troyes, 2009.