

CONTACT INFORMATION	Buiding 28, 1-501 Longtengyuan 4, Huilongguan, Changping District Beijing 102208, China	Mobile: +86 186 0102 0132 Fax: +86 10 82980165 E-mail: chao@zhou.fr WWW: http://zhou.fr
EDUCATION	Ph. D. in Networks, Knowledge, and Organizations Sept. 2005-Jun. 2009 Thesis: Scaling Up the Socio-semantic Web: Application Protocol and User Interfaces Troyes University of Technology (France)	
	Master of Science in Computer Science and Engineering Sept. 2002-Jul. 2005 North China Electric Power University (China)	
	Bachelor of Science in Computer Science Sept. 1997-Jul. 2002 Beijing Information Science & Technology University	
PROFESSIONAL EXPERIENCE	Nostos Technology Ltd. , Beijing, China <u>Chief Technology Officer</u> September 2010 - present <ul style="list-style-type: none"> • Web 2.0 based CMS / OA system • Web 2.0 based Remote medication system 	
	Cogniva Europe , France <u>Senior Software Engineer</u> May 2009 - July 2010 <ul style="list-style-type: none"> • Folksonomy based document management system (Semiotag) for France Telecom S.A. 	
	Wanfang Data, Inc. , China <u>Web Programmer</u> September 2001- July 2002 <ul style="list-style-type: none"> • e-Business publication management system for China publications import & export corporation. 	
SKILLS	Computer Programming: <ul style="list-style-type: none"> • JavaScript, Pyhton, PHP, CSS, C, C++, Objective C, Java, UNIX shell scripting, GNU make, Erlang, AppleScript, SQL, MySQL, PostgreSQL, Oracle, and others Web Design: <ul style="list-style-type: none"> • Adobe Photoshop, jQuery, YUI, Twitter Bootstrap, Balsamiq Mockups, FreeMind, MindNote, and others Version Control and Software Configuration Management: <ul style="list-style-type: none"> • DVCS (Git, Mercurial), VCS (SVN, CVS), and others Languages: <ul style="list-style-type: none"> • Chinese (native speaker) • English (fluent, working language for more than 8 years) • French (fluent, working language for 5 years until present) Operating Systems: <ul style="list-style-type: none"> • Apple OS X, Linux (Ubuntu, RedHat, CentOS, etc.), Microsoft Windows family 	

SERVICE	Recent contributor to several open-source software projects, including: <ul style="list-style-type: none"> • Apache CouchDB LDAP Authentication plugin • Hypertopic PHP Library and Hypertopic Objective-C Library • Personal projects archived at https://github.com/chao/ 	
PROJECTS	e-Commerce platform for the small B2C companies	Spring 2012 - present
	<p>The e-Commerce platform is targeted to the small B2C business companies, the platform is work out-of-the-box that allows those companies to set it up with minor configs. Administrator can easily present products to clients, and get paid by Alipay.</p> <p>The front-end of this platform is designed 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.</p>	
	RESTClient	Spring 2006 - present
	<p>RESTClient is a Firefox add-on, it is designed to test RESTful web services. It was developed with XUL and JavaScript. Recently it has been re-write with JavaScript with Twitter bootstrap 2.0.2. RESTClient is a very popular Firefox add-on, which has about 30,000 active users.</p> <p>http://www.restclient.net</p>	
	uPassword	Winter 2011 - present
	<p>uPassword is a password generator, it helps the users to create and manage secure passwords. uPassword was implemented for different platforms (iOS device and Android) with browser plugins (Safari, Google Chrome, Firefox).</p> <p>http://www.upassword.com</p>	
	LaSuli	Spring 2008 - Fall 2011
	<p>LaSuli is a Firefox add-on, which is used for social annotation for qualitative analysis. It currently is used by students in Liège University (Belgium) and Troyes University of Technology (France). It is released under the GNU General Public License.</p> <p>https://github.com/Hypertopic/LaSuli</p>	
	Remote Medication Platform	Winter 2010 - Summer 2011
	<p>Remote Medication Platform is a Web 2.0 application, which is designed for the medicine doctors to diagnose their patients remotely. This platform is distribute on several cities, where the client side uses scanner to scan the patient documents and share to with doctors. Doctors can also exchange information with their patients thought a online meeting platform. This platform is developed with Java and Oracle.</p>	
	Implementing a Folksonomy on the Architecture of NoSQL	Spring 2011
	<p>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.</p>	
	Semiotag	Spring 2010 - Spring 2011
	<p>Semiotag is a document management system which was implemented with Folksonomy. The project is outsourced from Cogniva Europe (France). The applications were developed by C# and implemented on Microsoft cloud platform (Windows Azure). The</p>	

web services and web applications were 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 the HTML5 and CSS5 technologies.

Argos and Agorae

Winter 2005 - Fall 2011

Argos is an implementation of the 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 was developed with PHP and PostgreSQL, and it has been adopt 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 the large industrial corporations. The project aims at building a Web 2.0 application to integrate the data and document of PLM (Product Lifecycle Management)

Partners: Cadesis, 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 the teachers and the students from French speaking universities related to an international and interdisciplinary research group.

<https://github.com/Hypertopic/Protocol/wiki/CogDoc>

PUBLICATIONS

- [1] Web 2.0 & Serious Game: Structuring knowledge for participative and educative representations of the City, Jean-Pierre Cahier, Nour El Mawas, Aurélien Bénel, Chao Zhou. International Conference on Smart and Sustainable City, Shanghai, 6-8 July 2011. 2011.
- [2] Beyond Web 2.0... And Beyond the Semantic Web, Aurélien Bénel, Chao Zhou, Jean-Pierre Cahier. From CSCW to Web 2.0: European Developments in Collaborative Design. Randall, David; Salembier, Pascal (Eds.). pp. 155-171. Computer Supported Cooperative Work. Springer Verlag. 2010.
- [3] Éloge de l'hétérogénéité des structures d'analyse de textes, Aurélien Bénel, Christophe Lejeune, Chao Zhou. Document numérique. pp. 41-56. RSTI vol. 13 no. 2. Hermès-Lavoisier. 2010.
- [4] Scaling up the Socio-semantic Web: Application protocol and user interfaces, Chao Zhou. Université de technologie de Troyes. 2009.
- [5] From the crowd to communities: New interfaces for social tagging, Chao Zhou, Aurélien Bénel. Proceedings of the eighth international conference on the design of cooperative systems (COOP'08), Carry-le-Rouet, May 20-23, 2008.

- [6] 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. Actes des 19e journées francophones d'ingénierie des connaissances (IC'2008). 2008.
- [7] 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. Actes des 18eme journées francophones d'ingénierie des connaissances (IC2007). Francky Trichet (Eds.). pp. 217-228. Cépaduès. 2007. ISBN 978-2-85428-790-9.
- [8] Towards a standard protocol for community-driven organizations of knowledge, Chao Zhou, Aurélien Bénel, Christophe Lejeune. Proceedings of the thirteenth international conference on Concurrent Engineering, Antibes, September 18-22, 2006. pp. 438-449. Frontiers in Artificial Intelligence and Appl. vol. 143. Amsterdam: IOS Press. 2006.

AWARDS	China Scholarship Council, University Scholarship, 2005–2008 Electrical and Computer Engineering Sifang Scholarship, 2002–2005
REFERENCES AVAILABLE TO CONTACT	Available upon request.
MORE INFORMATION	More information and auxiliary documents can be found at http://zhou.fr/ .