

Liyun Chen

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Barcelona Graduate School of Economics, SPAIN

EDUCATION *M.Sc. Economics*, Barcelona Graduate School of Economics 2010-2011 (expected)
(degree jointly awarded with Universitat Pompeu Fabra), Spain.
Current GPA: 8.1/10.
B.A. Economics, Shandong University, P.R.China. 2006-2010
Major: **Economics**, Minor: **Mathematics**.
Major GPA: 3.9/4, Overall GPA: 3.7/4.

RESEARCH EXPERIENCE Master Thesis: *Expectations and the Social Network: Modeling Health Risk Perception among U.S. Adolescents* (with Mahesh Karra)

- Modeled the health risk perception among adolescents based on their social networks, with consideration of network effects and social distance.
- Examined the network effects using the Add Health dataset with GMM-IV method in panel data.

Bachelor Thesis: *Social Network, the Internet and Information Transmission*

- Examined the influences of social networks and public media on information transmission, in particular, the speed and quality of information distribution.
- Analyzed co-author relationship data and performed computational simulations of different network structures demonstrating the extent to which the Internet influences individual utility levels.

Working Paper: *What Do We Pay For Asymmetric Information? The Mechanism Evolution in Online Markets*

- Built a sequence of principal-agent models based on incentive theories, and discussed the impact of different mechanism designs on market outcomes and the additional cost needed.
- Examined mechanisms of the reputation, punishment, and barriers to entry and evaluated their respective boundary validation conditions.

Book: *Play Econometrics with R* (working in process, in Chinese)

- Compiled a manual on the realizations of modern econometric methods in R.

CONFERENCES 2nd Chinese R conference, *Econometrics and Statistics Using R*, RUC (Beijing) and ECNU (Shanghai) Dec, 2009

COMPUTER SKILLS *Programming Languages:*

- C/C++, Java, PHP, Python, Asp (.NET), Jsp
- SQL, HTML+CSS+JavaScript, Ajax

Softwares:

- Mathematics and Statistics: R, Stata, Matlab, SPSS
- Database Management Systems: MySQL, Oracle, Access
- Graphics: Photoshop, Flash, Illustrator, Maya
- Office: L^AT_EX, Dreamweaver, Word, Excel, PowerPoint

Operating Systems: Linux (Ubuntu), Windows.

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|--|---|--|--|--|---|
| HONORS | <p>Excellent Graduation Thesis (top 2% out of 325), Shandong University 2010 Excellent Student Scholarship (top 2), Shandong University 2009 Challenge Cup Award 2007, 2008 (National Undergraduate Curricular Academic Science and Technology Works Competition) Excellent League Cadre and Excellent Student Cadre (10 out of 200) 2006, 2007</p> | | | | |
| WORK EXPERIENCE | <p><i>Communication Media:</i></p> <ul style="list-style-type: none"> • Blogger (LoyHome.com), focus on economics and the Internet. 2004-present • Journalist and Photographer, University's News Agency 2006-2008 <p><i>Computer and Website:</i></p> <ul style="list-style-type: none"> • Programmer, University's Student Website 2006-2008 developed a new web-service system based on PHP, MySQL and Ajax in group. • Graphic Designer, Maxthon and WordPress 2007-2008, 2008-2009 designed user-friendly interface. • Website Manager, college's website and sub-sites 2006-2009 managed the servers and offered technical support. <p><i>Internship:</i> China Unicom 2006-2007 surveyed the market and participated in products sales and technical department.</p> | | | | |
| TEACHING EXPERIENCE | <p><i>Economics:</i></p> <ul style="list-style-type: none"> • Teaching Assistant, Shandong University Fall, 2009 <i>Intermediate Microeconomics</i> for 3rd-year undergraduates. <p><i>Statistics:</i></p> <ul style="list-style-type: none"> • Board Moderator of Cos.name (the biggest online statistics forum in China), <i>School of Statistics, Renmin University of China</i> • Adviser for Association of Statistics Communication, <i>School of Mathematical Science, Central South University</i> | | | | |
| OTHER KNOWLEDGE | <p><i>Basic Computer Science:</i> Data Mining, Algorithm, Network Technology (Certificated), Software Development.</p> | | | | |
| LANGUAGES | <ul style="list-style-type: none"> • Chinese (native), English (fluent), Spanish (basic) | | | | |
| EXTRA-CURRICULAR SERVICE | <ul style="list-style-type: none"> • Vice-Chair of Public Relations Department of the Student Union Coordinated the union's relationships with companies and public media to spread our influence. • Job Interviewer for University Press Served as an interviewer to help the press select technical supporters. • Volunteer for Amateur Astronomers Association Organized group activities and publicized the non-profit association. | | | | |
| REFERENCES | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><i>Thijs van Rens</i> CREI and Universitat Pompeu Fabra tvanrens@crei.cat</p> </td> <td style="width: 50%; vertical-align: top;"> <p><i>Gabor Lugosi</i> Universitat Pompeu Fabra GABOR.LUGOSI@gmail.com</p> </td> </tr> <tr> <td style="vertical-align: top;"> <p><i>Gino Gancia</i> CREI and Universitat Pompeu Fabra ggancia@crei.cat</p> </td> <td style="vertical-align: top;"> <p><i>Yue Qiao</i> Shandong University qiaoyue@sdu.edu.cn</p> </td> </tr> </table> | <p><i>Thijs van Rens</i> CREI and Universitat Pompeu Fabra tvanrens@crei.cat</p> | <p><i>Gabor Lugosi</i> Universitat Pompeu Fabra GABOR.LUGOSI@gmail.com</p> | <p><i>Gino Gancia</i> CREI and Universitat Pompeu Fabra ggancia@crei.cat</p> | <p><i>Yue Qiao</i> Shandong University qiaoyue@sdu.edu.cn</p> |
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