1. **Name, current academic rank, and tenure status**
   Jiahuang Ji, Associate professor, tenured.

2. **Date of original appointment to this faculty, followed by dates and ranks of advancement**
   1990: Assistant professor
   1996: Associate professor

3. **Degrees with fields, institutions, and dates**

Degree	Field	Institution	Date
Ph.D.	Computer Science	University of Houston	1990
M.S.	Computer Science	Nanjing University	1983
B.S.	Mechanical Engineering	Huazhong University of Science and Technology (China)	1976

4. **If you do not have a formal degree in computer science, describe any course work you may have taken, or other ways in which you have achieved competence in computer science; there is no necessity to repeat information here which is contained in later sections of this document.**

5. **Conferences, workshops, and professional development programs in which you have participated in the last 5 years to improved teaching and professional competence in computer science.**

> Jiahuang Ji (co-authored with Batbold Myagmarjaw), Implementation of eye movement tracking with webcam images, presented at 2011 2nd World Congress On Computer Science and Information Engineering.
> Jiahuang Ji (co-authored with Ranran Feng, hongqiang Qian, and Batbold Myagmarjaw), Implementation of panorama virtual browser, presented at 2011 2nd World Congress On Computer Science and Information Engineering.
> Jiahuang Ji (2007) Culture and law enforcement, presented at WRSA Annual Conference.

6. Consulting-list agencies and dates, and briefly describe each project.

7. Principal publications during the last five years. Given in standard bibliographic format.

> Jiahuang Ji (co-authored with Lei Chen), *Wireless Network Security: Theories and Applications*, a book scheduled to publish in November, 2011 (The book proposal was submitted in late 2009 and approved in August 2010. It will be co-published by Springer (U.S.) and Higher Education Press (China)).
>
> Jiahuang Ji (co-authored with Batbold Myagmarjaw), Implementation of eye movement tracking with webcam images, proceedings of 2011 2nd World Congress On Computer Science and Information Engineering.
>
> Jiahuang Ji (co-authored with Ranran Feng, hongqiang Qian, and Batbold Myagmarjaw), Implementation of panorama virtual browser, proceedings of 2011 2nd World Congress On Computer Science and Information Engineering.
>
> Jiahuang Ji (2009) *Hello, Houston,* book published by The People's Literature Publishing House, the top one literature publishing house in China. The book was also recommended by the publishing house as one of six recommended books published in June 2009.
>
> Jiahuang Ji, The background knowledge behind the PM2I algorithm I developed, an invited article of the book *I am from Baoying High School*, 2009, pages 90-93.
>
> Jiahuang Ji (2007) Culture and law enforcement, Proceedings of WRSA Annual Conference, Page 40-41.
>
> Jiahuang Ji (2006) Open Source, Bolan, CAPST Journal (in Chinese), Vol. 4 Page 12-13.
>
> Jiahuang Ji (2005) Data and Human Resource Mining in High-Tech Ages, proceedings of 2005 Sino-US Symposium on Science/Technology, Education/Talent Exchange and Economic Development at Atlanta.
>
> Jiahuang Ji (2005) Crime and Digital Forensics, Bolan, CAPST Journal (in Chinese), Vol. 3 Page 18-20.
>
> Jiahuang Ji (2004) Traveling Salesman Problem, Bolan, CAPST Journal (in Chinese), Vol. 2

8. Other scholarly activity during the last 5 years: grants, sabbaticals, software development, etc.

Conference presentations and invited speeches

> Batbold Myagmarjaw, supervisor Jiahuang Ji, Implementation of eye movement tracking with webcam images. The project was demonstrated at ACET and won the first place in graduate student category, 2010
>
> Qiyu Li, Jiahuang Ji and Rita Caso, Deploying Business Intelligence to Institutional

research, Southern Association for Institutional Research (SAIR), Oct. 2009.

Jiahuang Ji, Graduate Success Profiling Study, 2008 ACET conference, Oct. 2008.

Invited speech given to Baoying High School student on its 80 Year Anniversary Ceremony: High Technology and Education Systems in the United States, 2008.

Culture and law enforcement, WRSA Annual Conference, July 2007.

Data and Human Resource Mining in High-Tech Ages, 2005 Sino-US Symposium on Science/Technology, Education/Talent Exchange and Economic Development at Atlanta, October 2005.

9. **Courses taught this and last academic year term-by-term. This year is the academic year in which this Self-Study report is prepared; the last year was the year prior to this. If you were on sabbatical leave, please enter the information for the previous year. Please list each section of the same course separately.**

Term/Year	Course Number	Course Title	Semester Hours	Class Size (about)
Spring 2012	COSC 4319	Software Engineering	3	15
Spring 2012	COSC 5340	Special Topics	3	10
Spring 2012	6319	Software Engineering	3	18
Fall 11	COSC5326	Network and data communications	3	19
Fall 11	COSC6313	Neural networks	3	7
Fall 11	COSC6347	Programming practicum	3	7
Spring 11	CS536	Software engineering	3	7
Spring 11	CS561	Programming practicum	3	6
Spring 11	CS146	Introduction To Algorithm & Programming	4	18
Spring 11	CS146	Introduction To Algorithm & Programming	4	20
Fall 10	CS573	Neural networks	3	6
Fall 10	CS563	Network and data communications	3	14
Fall 10	CS561	Programming practicum	3	11
Spring 10	CS561	Programming practicum	3	12
Spring 10	CS560	Special topics	3	8
Spring 10	CS536	Software engineering	3	14
Spring 10	CS146	Introduction To Algorithm & Programming	4	18
Fall 09	CS146	Introduction To	4	18

		Algorithm & Programming		
Fall 09	CS573	Neural networks	3	8
Fall 09	CS470	Software engineering	3	8
Fall 09	CS561	Programming practicum	3	8
Spring 09	CS146	Introduction To Algorithm & Programming	4	20
Spring 09	CS437	Software Engineering	3	16
Spring 09	CS560	Software Engineering	3	7
Spring 09	CS561	Programming practicum	3	7

10. **Other assigned duties performed during the academic year, with average hours per week. Indicate which, if any, carry extra compensation. If you are course coordinator for courses taught by other than full-time faculty, please indicate here which courses.**

Graduate advisor, Computer Science Department (15 hours per week during regular semester, and about 8 hours per week during summer to process applicant applications and answer applicants emails (with no pay))
Department Graduate Curriculum committee chair, 2004-2010 (2 hours per week).
SHSU Chinese Student and Scholar Association advisor, 2007-10(volunteer).
CAPST (Chinese Association of Professionals in Science and Techonology)
High School Education Scholarship Foundation Awarding Committee chair (2008, 2006) and member (2007, 2010).
Advisor, Chinese Association of Professionals in Science and Technology, 2004-2010 (volunteer).

11. **Number of students for which you service as academic advisor: __85_____**

12. **Estimate the percentage of your time devoted to scholarly and/or research activities: _20_%. Please give a brief description of your major research and scholarly activities:**

Guide graduate students with their master projects
Guide Software engineering class students with their team projects
Give conference presentations
Manage graduate programs including the curriculum modifications
Write book and book article

13. **If you are not a full-time faculty member, state what percentage of full-time you work: _____ % Percentage of this time allocated to the computer science program being evaluated: _____ %.**