RONG ZOU

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Chapin C 2045cy, 700 Health Science Drive, Stony Brook, NY 11790

Education

M.S. in **Computer Science**, Stony Brook University   GPA: 3.67/4   Dec, 2013(expected)

B.E. in Communication Engineering, Century College, Beijing Univ. of Posts & Telecoms   GPA: 3.7/4   Aug, 2011

Technique Skills

Language: C, JAVA, Assembly Language, VBA, HTML, JSP

Database: MySQL, SQL Server, Oracle, DB2

Software: Matlab, Eclipse, NetBeans, Visual Studio, SPSS, Latex

Tools: Photoshop, InDesign, Illustrator, Visio, Excel

Projects

All-Word Word Sense Disambiguation (Natural Language Processing), *Tool: **Java, WordNet***   Mar, 2013

   Built an effective word sense disambiguation system using PageRank algorithm based on WordNet

Visualizing Intelligent Monitoring System (Solar Boat Team), *Tool: **Java, Assembly Language***   Oct, 2012- Mar, 2013

   Adjusting engine speed of solar boat by monitoring varieties of parameters and visualizing data with GUI

Predicting "who-follows-whom" Twitter Network (Data Mining & Networks), *Tool: **Matlab, Java***   Aug-Dec, 2012

   Improved prediction precision with 7.83% by proposing a new algorithm based on network topologies and community structure

Social Network(SoNet) Database Design and Implementation(Database), *Tool: **SQL, JSP***   Aug-Dec, 2012

   Designed sample social network database and implemented information retrieval on JSP

Business & Industrial Model Simulation (Simulation and Modeling), *Tool: **Matlab***   Aug-Dec, 2012

   Simulated M/M/1 & M/D/1 single server queueing system and inventory system

Working Experience

Data Analyst, Vancl Technology Co., Ltd,   Mar, 2011- Apr, 2012

   - Mathematical modeling of performance assessment & demand forecasting of human resources
   - Website construction
   - User manual composition of Kingdee EAS system (business intelligence software)

Assistant Network Manager, Computer Lab, Century College, Beijing Univ. of Posts & Telecoms   Feb, 2008-Jan, 2009

   - Network management

Awards & Honors

Meritorious Winner (Top 13%) in USA Undergraduate Mathematical Contest in Modeling   2011

Outstanding Prize & Encouragement Scholarship (Top 1) in "Science Word Cup" Mathematical Contest in Modeling 2010

1st Prize in China Undergraduate Mathematical Contest in Modeling in Beijing   2010

2nd Prize in Northern Jiangsu Mathematical Contest in Modeling   2010

2nd Prize in "Chinese Society of Electrical Engineering Cup" Mathematical Contest in Modeling   2009

Activities

Member, "Women in Computer Science" chapter at Stony Brook University   Aug, 2012-present

Member, Stony Brook Solar Boat Team   Aug, 2012-present

Vice President & Art Minister, Newsroom of Student Union   Sep, 2007-Jul, 2010