YOUZHENG CHEN

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EDUCATION

Beijing University of Posts and Telecommunications, China   *June 2013*

Bachelor of Engineering in Software Engineering

GPA: 3.60/4.00(overall) 3.82/4.00(major)

PROJECTS AND RESEARCH EXPERIENCES

JAIN SLEE Access Control System & Call Center   *Nov. 2012 - Present*

- Project Website: http://cloudzfy.github.io/gryffin-as
- Designed IMS Media Resource Controller for Interactive Voice Response (IVR) function
- Designed and implemented MRCPv2 Resource Adaptor of JAIN SLEE Framework
- Integrated JVoiceXML to enhance extensibility of Media Resource Controller

AtMars Microblog Open Source Project   Team Leader   *July 2012 - Aug. 2012*

- Project Website: http://cloudzfy.github.io/atmars
- Designed the architecture of AtMars Microblog in Struts + Spring + Hibernate (SSH) Framework
- Designed user interface of AtMars in HTML5, Javascript and CSS3

ECHelper Mobile Health System   Team Leader   *Jan. 2012 - Apr. 2012*

- Project Website: http://cloudzfy.github.io/echelper
- Designed the architecture of ECHelper with multiple Microsoft Technology (Windows Azure, Windows 8, Windows Phone 7, etc)
- Designed hareware driver for ECG sensor to record patient data

Kinect sports director   Team Leader   *Sept. 2011 - Jan. 2012*

- Designed WPF Application to recognize body skeleton by Microsoft Kinect SDK
- Designed algorithm for measuring the differences between users actions and standard actions

Doubango-based IMS UE for Teaching Cases Team Leader   *Nov. 2011 - May 2012*

- Project Website: http://cloudzfy.github.io/myboghe
- Designed and implemented the IMS client and IMS server for Private Chat, Public Chat and Presence Service
- Designed the teaching experiments for three weeks on Doubango-based IMS UE in a simplified model

SIP Communication Simulation in QualNet   Team Leader   *Oct. 2010 - June 2011*

- Used simulation platform QualNet produced by SCALABLE Network Technologies
- Simulated Proxy routed SIP-based VoIP in different domains
- Analyzed and designed QualNet components for SIP simplified model

PUBLICATIONS

"Research and Implementation of an IMS-based AS/MRFC Model for IVR Services", **Youzheng Chen**, and Baozhong Cheng (under review)

"Development of Doubango-based IMS UE for Teaching Experiments", **Youzheng Chen**, Baozhong Cheng, Xiaoyan Zhang, Yi Sun, Jin Xie, and Kun Li, *2013 International Conference on IT Convergence and Security*, 2013 (accepted)

"Analysis and Design of IMS Services on IMS AS for Teaching Experiments", Kun Li, Baozhong Cheng, Xiaoyan Zhang, **Youzheng Chen**, Yi Sun, and Jin Xie, *Proceedings of 2013 1st International Conference on Information Technology and Electronic Commerce*, 2013 (accepted)

HONORS AND AWARDS

Scholarship in People's Daily Online 2012 (Top 1.01%)   *Oct. 2012*

Third Prize in the in the Software Design Challenge of Microsoft Imagine Cup 2012 (Top 0.03%)
                                                                                               Apr. 2012

Silver Award of the Sixth ACM-ICPC School Contest of BUPT (Top 2.47%)   *Mar. 2012*

Honorable Mentions in the 2012 Mathematical Contest in Modeling   *Feb. 2012*

Second Prize in the 2011 China-Pub Cup Global Mathematical Modeling Certificate Contest
                                                                                               May 2011

Second-class Scholarship, Beijing University of Posts and Telecommunications   *Nov. 2011*

Third-class Scholarship, Beijing University of Posts and Telecommunications   *Nov. 2010*

Second Prize in the Chinese Mathematical Olympiad in Senior   *Oct. 2008*

First prize in the National Mathematical Contest for Junior High School Students (Top 2.81%)
                                                                                               Apr. 2006

PROGRAMMING SKILLS

C, C++, C#, Java, JavaScript, LaTeX, Unix Shell Script