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

Third Prize in the Software Design Challenge of Microsoft Imagine Cup 2012 (Top 0.13%)
                                                                                      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