

Yuxin Wen

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EDUCATION

Sep 2011– Mar 2014	Zhejiang University	Biomedical Engineering	Master	(83.3/100)
Sep 2007–Jun 2011	Sichuan University	Medical Information Engineering	Bachelor	(87.9/100) Rank: 2/61)

Major: Biomedical Signal Processing, Software Engineering, Microcomputer Principle, Principles of Sensor Technology, Biomedical Instruments, Medical Informatics, Analog Electronic Technology, Digital Electronic Technology, Communication System Principle, Computer Network and Communication, Digital Image Processing, Matlab Programming and Engineering Application, Linear Algebra, Probability Statistics, etc.

ACADEMIC RESEARCH

Mar 2013–May 2013 Mobile Ward Inspection System based on Android

- Be responsible for the design and implementation of the system, achieved the real time communication with the electronic medical record (EMR) through Web Service interaction.

Oct 2012–Jun 2013 Development on Electronic Medical Record

- Accomplished the core parts(order module, authority management & dictionary maintenance) of EMR with Post-Relational Database Cache and WPF based on .Net Framework

Oct 2012–Jan 2013 Real-Time Medical Data Mining based on DeepSee

- A statistical information BI platform is established for the integration of medical data. Building OLAP multidimensional data model, realize by performing drag and drop actions in real time

Mar 2012– Jun 2012 Regional Health Information Integration

- Designed and conducted regional health information integration platform, Using the Ensemble tool which can extract data based on business processes to integrate multiple heterogeneous medical systems such as HIS, EMR, PACS, LIS, etc.
- Designed hybrid ontology approach based on semantic technology to access to heterogeneous medical systems at runtime and in a non-intrusive manner for better heterogeneous regional healthcare information sharing

Jan 2011–Jun 2011 The Identification of SEMG signals Based on Clustering Algorithm

- Completed feature extraction process of Surface electromyography(SEMG) signals ,used clustering algorithm to recognize human actions including the upper arm of the human body stretching, bending, internal rotation, external rotation

PUBLICATIONS

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- Wen Y X, Wang H Q, Zhang Y F, Li J Ontology-Based Medical Data Integration for Regional Healthcare Application[M].Frontier and Future Development of Information Technology in Medicine and Education. Springer Netherlands, 2014:1667-1672.

HONOR & SCHOLARSHIP

Jun 2013	Third-Class Prize of Excellent Papers in CHINC Conference	Top 5%
Jun 2011	Provincial-Level Outstanding Graduate of Sichuan Province	Top 1%
2010	State-Level Motivational Scholarship of Sichuan University (Triple)	Top 5%
Aug 2010	Second-Class Prize in the 4 th ican-contest, Chuanyu Division, China	Top 10%
Jun 2008	Excellent Student Cadre of Sichuan University	Top 10%

WORK EXPERIENCE

- Apr 2014–NOW Huawei Technologies Co. Ltd Software Development Engineer in Test, Hangzhou**
- In charge of a customized gcc compiler test, established test baseline and made test strategy
 - Responsible for multiple compiler optimization test, such as Application Binary Interface, Software pipeline loop optimization, loop unroll, etc.
 - Developed multiple automated testing framework , such as intrinsic interface correctness, Instruction delay, function performance calculation, Bundle checking
 - Learned gcc compiler back-end optimization process and DSP assembly instruction set

EXTRACURRICULAR ACTIVITIES

- Oct 2012–Sep 2013 HR&Finance Department of Toshiba Club in Zhejiang University, Director, Hangzhou**
- In charge of the recruitment in the spring of 2013 ,organized team training and performance assessment
 - Held the Toshiba electronic lecture 2 times, with participants over 100
- Oct2011–Sep2012 Management Department of Mindray Club in Zhejiang University, Director, Hangzhou**
- Responsible for personnel recruitment, financial management and club website updating, etc.
 - Conducted the market investigation about the usage of household ventilator
- Dec 2009–Jun 2011 Assistant of the Admissions Office in Sichuan University , Group Leader, Chengdu**
- Led a team to assist the work of admissions office, respond in the phone and online consultation
 - Participated in National College Campus Open Day several times for enrollment propaganda work
- Apr 2013 BD Medical Instrument Company "World Earth Day" Activity, Assistant, Hangzhou**
- Organized campus publicity through posters,leaflets,banners and campus BBS
- Oct 2009 Volunteer in the 62th China International Medical Equipment Fair Assistant, Chengdu**
- Offered consultation services

SKILLS

- Computer** C, python, shell script, TCL, Cache, SQL server
Familiar with Linux development environment
- Self-evaluation:** Positive & Optimistic; Good at Thinking, Learning & Practicing; Good Communication & Cooperation Abilities.