WENHUI LIU

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WORK EXPERIENCE

Software Engineer, Huawei Technology Co. Ltd., Shenzhen Guangdong, China   **08/2013 – 05/2015**
- Participated and completed about ten projects with C and C++, and the products are used by communication carriers in at least five countries, and covered millions of people.
- Followed the standard software development process and agile development, including system analysis, system design, coding, testing, and deployment.
- Worked closely with system engineer, software developer, and quality assurance engineer.

EDUCATION

Xiamen University, Xiamen, Fujian, China   **09/2010 – 07/2013**
- Master of Engineering in Electronics and Communication Engineering, GPA: 85.4/100
- Core Courses: Stochastic Processes, Coding and Modulation Technology, Interface Technology of Micro-computer, DSP Technology and Application, Digital Image Processing, Information Retrieval, Data Communication, Computer and Communication Network

Chaohu University, Chaohu, Anhui, China   **09/2006 – 06/2010**
- Bachelor of Engineering in Electrical Engineering And Automation, GPA: 85.2/100, Rank: 2/66
- Math Courses: Advanced Mathematics, Linear Algebra, Complex Variables Functions and Integral Transformation, Probability and Mathematical Statistics, Basics of Computer Engineering, C Programming Language, Photoshop, Microcomputer Principle and Interface Technology, Introduction to Automation, Matlab and Principle
- Certificate: National Computer Rank Examination of China, grade 2, C Language (04/2008)
- Certificate: National Computer Rank Examination of China, grade 3, Database (09/2008)

SKILLS

- Programming: C, C++, SQL, Matlab, Git, Linux
- Web: HTML, jQuery, Bootstrap
- Tools: Photoshop, Lightroom, Axure, Sketch 3, Illustrator, Aftereffects

DESIGN EXPERIENCE

Personal Website wenhuiliu.com   **07/2016 – Present**
- Integrated hand-drawn and hand-writing style into the design.
- Illustrated the background, profile photo, icon, and banner with Photoshop, Axure, Illustrator, digital stylus and digital pad.
- Built a one-page website with HTML, jQuery, and Bootstrap, and hosted on Github.

Pet Handbook App Design   **03/2016 – 06/2016**
- Researched similar Apps and interviewed 7 friends about pet raising.
- Integrated hand-drawn elements into the UI design.
- Finished the design with Photoshop, Axure, Illustrator, digital stylus and digital pad.

Illustration for Hunan LanMao Education Company   **03/2016 – 06/2016**
- Communicated with the company about the story scripts and story line.
- Interviewed children to gather ideas.
- Illustrated 16 scenes based on the scripts.
- Used Photoshop, digital stylus and digital pad.

RESEARCH EXPERIENCE

Research of Key Technologies for Underwater Acoustic Communication, Xiamen University   **10/2010 – 07/2013**
- This is a Natural Science Foundation Project of Fujian Province.
- Studied the theories and algorithms of underwater acoustic communication by reading related papers.
- Proposed effective algorithm, designed communication channel, improved the performance by 10%.
- Implemented the experimental platform using Matlab, finished the simulation of algorithm in shallow sea.

Research of Performance Improvement for Underwater Acoustic Communication, Xiamen University
10/2010 – 04/2011
- Studied the implementation of CCK and FSK, and the technology of single carrier/frequency-domain equalization and blind equalization.
- Implemented the high-speed transmission channel.

PUBLICATION

Non-coherent Underwater Communication Algorithm Based on CCK Coding
- Published in International Conference on Advanced Research on Electronic Commerce, Web Application, and Communication, ECWAC 2011.
- Accession number: 20111313881185.

LEADERSHIP EXPERIENCE

Minister of Practice Department   **06/2011 – 06/2012**
Graduate Student Union of School of Information Science and Engineering, Xiamen University
- Took charge of volunteer recruitment and information publication.
- Organized, planned, and arranged Tutoring of National Computer Rank Examination, "Rixin" Plan, and Enterprise Visiting events, and helped at least 400 students.

Member of Entertainment Department   **09/2010 – 06/2011**
Graduate Student Union of School of Information Science and Engineering, Xiamen University
- Helped organize Five-School Welcome party, Girl's Day activity, and Chorus competition.

Member of Entertainment Department   **09/2006 – 06/2007**
Student Union of Department of Physics and Electronic Science, Chaohu University
- Helped organize department activities like Singing competition and Freshman welcome party.
- Played Erhu for the party.

VOLUNTEER EXPERIENCE

- Conduct survey of downtown land demolition in Chaohu.   07/2007
- Participated in electrical equipments maintenance activities for residence in Baicheng community.   10/2010
- Taught elderly people of Baicheng community to use computer.   11/2010
- Volunteer of Xiamen Adolescents Science and Technology Innovation Contest.   11/19/2011
- Volunteer of China Ladies Professional Golf Association(CLPGA) China Ladies Open.   12/16 – 12/18/2011
- Organized and participated in "Rixin" Plan to help junior class students.   10/2011 – 01/2012

HONORS

- (TOP 3%) National Endeavor Fellowship, Chaohu University   11/2007, 11/2009
- (Top 3%) First Prize Scholarship, Chaohu University   04/2007, 11/2009
- (Top 6%) Second Prize Scholarship, Chaohu University   04/2007, 03/2008, 10/2008
- Merit Student, Chaohu University   05/ 2008, 05/2009
- Outstanding Student of Social Practice, Chaohu University   09/2007
- Outstanding Youth Volunteer, School of Information Science and Engineering, Xiamen University   05/2012
- Best participation award, Website Design for Cultural Exhibition Hall of Xiamen University   05/2012
- Outstanding Student Leader, Xiamen University   12/2012
- Three Star Youth Volunteers of Xiamen University (accumulated volunteer hours: 117)   05/2013

ADDITIONAL INFORMATION

- Good at playing Erhu, and reached level 10 of Arts Grade Examination of China.
- Good at illustration and watercolor painting.