

Qinghua Hu

Personal Information

Gender: Female **Date of Birth:** April, 1989 **Birthed Place:** Sichuan
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Profile

Aggressive, studious and be able to work in a team under a dynamic environment. Good at theoretical and numerical modelling and analysis. A quick learner with creative thinking skills, have strong communication and organization skills.

Working Experience

2012.07-2013.08 Texas Instruments

- Regularly went to US headquarter to attend training and was exposed to top management team, also had comprehensive training from local company; have good knowledge in industry development, tendency and solution of electronics & engineering
- 2012.10-2013.08 Led company-level key project, aimed at improving all products yielding, preventing low yield cases and gaining higher customers' satisfaction so as to win higher market shares. Monthly reported to worldwide team and compared with other sites regarding index and execution, established stronger and better products line and optimized product procedure while maintaining stability
- 2012.09-2013.03 Led New Product Development, main goal was to improve new products yield till release to production. Cooperated with multi-function organizations, controlled progress timely and debugged the root cause to solve problem.
- 2013.03 Joined worldwide meeting in US headquarter and made big contribution to scorecard and improvements.
- Manifested very good problem solving skills, project management, communication and collaboration skills, etc.

2013.09-Present Texas Instruments, Oversea Assignment

- Lead New tool introduction and new device qualification project which is helpful to reduce cost, covering from cost controlling, demand analysis, hardware and software infrastructure analysis, technical debugging, etc., have a wider and more comprehensive understanding to production line and the whole industry
- Test Yield Improvement, analyse testing data, communicate with customers and business units, debug testing problem from hardware ,testing program and process, reduce testing variation and improve testing stability

Education Background

2009.09-2012.06 Sichuan University MEng

- Full scholarship for 3 years
- Sanxin scholarship from Sanxin Company
- Published a paper on Computer Engineering and Application as the first author "A New Speech Enhancement method based on Extended Spectral Subtraction and Psychoacoustics," Computer Engineering and Application 47(8S), 105-109 (2011)
- 2011&2012 Year Excellent Graduate Student
- 2011Year Outstanding Students Communist
- 2011 Remarkable Individual in Social Practice

- Being a good teaching assistant for Digital Signal Processor Technologies and Applications, mentoring undergraduates to have a better understanding regarding applications and problem solving
- Creatively organize team activities and proactively help classmates to solve problem as the secretary of League Branch

2005.09-2009.07 Panzhuhua University BEng

- Course covers Communication Engineering & Electronics, etc. Grades(Average): 4.1/5, top1 among whole department in successive 4 years
- Self-culturing Hospitality Management
- Gained National Scholarship & National Inspirational Scholarship from China Ministry of Education
- Credited as Distinguished undergraduate by Sichuan Education Ministry
- Competed China Undergraduate Mathematical Contest in Modelling and National undergraduate English Contest, both gained Third Prize
- Gave speech to whole university due to distinguished learning performance and comprehensive contribution to team
- Continuously acquired the honour of Outstanding Student, Excellent Student Leader, etc.
- Won champion for speech contest.

Personal Skills

Language Skill: a good command of English (CET-6, TOEIC), Mandarin. Learning Cantonese
IT Office(Word/PPT/Excel/Out Look)
 C, C++ Programming, SQL
 Matlab modelling and calculation

Campus and Social Experience

2010.08-2012.06 Researcher, Audio Signal Processing Research in SCU

- Developed analytical skills- collected and analysed relevant data & material regarding industry development and set goal, logically analysed module realization and optimized result
- Reliable- successfully completed assigned tasks, e.g. proposed a new speech enhancement algorithm and published a paper
- Eager to learn- actively participated in audio signal processing project
- Good team working skills- proactively supported the team, e.g. covered others' tasks actively
- Further expanded project management skills and enhanced result-oriented skills

2009.10-2010.10 Minister, Academic&Technological Department in School of Electronics & Information Engineering, SCU

- Successfully planned and organized academic lectures given by external experts and scholars and received very good response
- Successfully planned and undertook career development lectures in campus, offered a good communication platform for students and enterprises
- Successfully held first student academic fruits exhibition and won good valuation
- In charge of affairs with student unions of other departments and improved the friendship and interaction
- Strong verbal skills- assigned the whole department job, set monthly and yearly goal and wrote working plans and summaries

2005.09-2008.12 Deputy Secretary of Student Union, Director of Student Social Union, Minister of External Relations Department

- Business planning and evaluation skills- in charge of budget planning, funding application and financial control
- Improved marketing skills- sales promotion for dairy company, had very positive outcome and managed to make profits out of them
- Good engaging and influencing skills- successfully negotiated with the merchants in charge and convinced them to raise our funding; designed uniform for club members and persuaded merchant to give us big discount with good quality
- Develop project management skills- prepared and submitted activity plans timely
- Strong communication and verbal skills- effectively taught local peasants to study basic computer skills and took responsibility to write daily bulletin
- Excellent organizational skills- organized various activities, e.g. communication meeting with China Rafting Expedition Association, freshman welcoming party, technical skills competition, sports meeting, commemorative activity for poet Haizi, etc.
- Team building- conducted the recruitment and training to the new team members and had an efficient & happy team
- Tutoring mathematics for grade3 senior high student- helped him improve the score and manage stress, established friendship with him