

Mr. Peiyue, Zhao

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Objective

Recruitment for Communication System Design

Education

✓ Master Candidate (Anticipated 2015)

- **Communication Systems**, School of ICT, KTH Royal Institute of Technology, Sweden

Elective Courses: Communication Systems Wireless Communications Systems
 Wireless Transmission Techniques Telecom Policy and Regulations

Bachelor of Engineering (2009-2013)

- School of Automation, Beijing Institute of Technology (BIT), Beijing, P.R. China
- Degree Thesis: Design and Implementation of EtherCAT Master (Industrial Ethernet)

Skills / Competences

✓ Knowledge in Wireless Network

Including Digital Communication, Signal Propagation, Diversity Techniques, Multi-user Communication, Antenna Systems, Mobile networks and Link budget calculation.

✓ Knowledge in networking

Including TCP/IP stacks, Ethernet, Wifi network, MPLS, VPN, communication security over Internet

✓ Familiar with Professional software:

Including Mentum **CellPlanner**, **NS-3** network simulation platform and **Radio Mobile**.

✓ Communication System Simulation with **Matlab/Simulink**

✓ Experience on programming in **Java, C++ and C**

✓ Hand on experience with **Cisco and Juniper routers configuration**.

✓ **Independent, self-motivated, reliable, dependable** with very easy going personality

✓ **Enjoy teamwork and challenges** with Effective communication skills.

Academic Experience

- ✓ **NS-3 Project: Wifi network simulation** with CSMA/CA and RTS/CTS mechanism, Programmed in C++, 2014-3
- ✓ **ISP Project: Network Design and Implementation** supporting of OSPF, BGP and, VPN, 2013-10
- ✓ **Degree Thesis in Industrial Ethernet:** Design and Implementation of EtherCAT Master, 2013
- ✓ **Teaching Assistant**, Fundamentals of intelligent control, help in homework and lab setups, 2012
- ✓ **Industrial site-visiting and information sessions:** Beijing Yanjing Beer Group Corporation, 2011
- ✓ **Industrial site-visiting and information sessions:** Beijing Hyundai Motor Company

Corporation, 2011

- ✓ Participated in **the China Undergraduate Contest on Mathematical Modeling**, 2011
- ✓ **Carried out the study**: Analysis on the Chinese Government's Consumer Electronics Subsidy Program, 2011
- ✓ As a **key designer**, completed a Undergraduate Scientific and Technological Innovation Project of BIT, A household smart control system, based on a single-chip computer, 2010

Social / Leadership Related Experience

- ✓ Attended **the Excellent Student Leaders Training Program** in BIT, as one of the 200 selected representatives, 2011
- ✓ **Vice President of Student Associates' Union of BIT**, 2010-2012
 - **Routine business**: in charge of Human Resource Public Relation Departments, including document approval, meetings arrangement for outreach and exchange with other student organizations
 - Organized three annual recruitments for new member associations of BIT, 2010 ,2011, 2012
 - Organized two annual Contests for Excellent Student Associations in BIT, 2011, 2012
 - Recruited and organized volunteers in support of the 6th Cultural Week for Environmental Protection, hosted by universities and colleges in Beijing, 2010
 - Participated the Union's official website development, 2010
 - Organized the 8th Orientation Party for new members of associations in BIT, 2010

Awards & Honors

- ✓ **The third level scholarship** for academic performance, BIT, 2013
- ✓ **Best Individuals** in the School of Automation, BIT, 2012
- ✓ **Excellent League Members in Beijing**, 2011, sponsored by the Beijing Municipal Youth League , only 28 out of the twenty thousand students in BIT received this award