Xun Zhang

Objective

A position in the field of software engineering with special interests in Operating Systems, Networks and Embedded Systems.

Work Experience

Period	June 2012 — Aug 2012	
Employer	Joseph Sventek	University of Glasgow, UK
Description	Summer Internship - DNS Proxy of Home Network Project	
Languages	Python, C++	
	Developed a low level application in NOX handling DNS packets and other relating packets. Learned Openflow, OpenvSwitch, NOX in this project	

Research Experience

Period	Sep 2012 — Present	
Supervisor	Joseph Sventek	University of Glasgow, UK
Project	Xen(R) Scheduler Supporting Emulation of Large Sensor Networks	
Languages	C	
	Implement a custom scheduler for Xen. Need deep understanding in Xen, Mini-OS, Contiki and TinyOS.	
Period	Sep 2011 — May 2012	
Supervisor	Jeremy Singer	University of Glasgow, UK
Project	Wiki Workshop	
Languages	PHP, Python, JavaScript, CSS, HTML	
	Developed a web app of academic event management system. I am the secretary, quality assuror and tester in my team.	

Education

Period	Sep 2011 — June 2013	
Degree	BSc Honors Degree in Computing Science – June 2013	
University	The University of Glasgow	Glasgow, UK
Period	Sep 2009 — June 2011	
University	Sun Yat Sen University	Guangzhou, China

Skills

Computer Languages	C/C++, Haskell, Algol, Java, Python, Basic, php
Protocols & APIs	XML, JSON, SOAP, TCP/IP, DNS, RPC, RMI
Databases	MySQL
Tools	SVN, Vim, Emacs, LaTeX

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