**Curriculum Vitae**

Ying Qu

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**Education And Training**

**PhD Candidate (Engineering & Computer Science)** – *Victoria University of Wellington (Victoria Doctoral Scholarship)*

Date of Initial Enrolment: **01/10/2013** Expected Date of Completion: **30/12/2016**

Thesis: Routing and Channel Assignment Optimisation in WMNs

**Master of Engineering (Power & Electronics)** – *Nanjing University of Aeronautics & Astronautics* **2002** Thesis: Evolvable Hardware Technology and its Basic Application Research

The Research on Self-repairing Digital Signal Processing System

The Evolvable Principle and Design Method of Hardware Circuit

**Bachelor of Engineering (Electrical Automation)** – Zhengzhou University of Technology  **1996** Professional Development

**ISTQB (Foundation)** **Certificate** – ISTQB (2012)

**Employment History**

**Zhong-Xing Telecommunication Equipment Co. Ltd (ZTE), China Apr 2003 – Feb 2013**

UMTS NODEB Base Station Test Department –  *Test Lead (Jul 2012 – Feb 2013)*

* Training and managing performance of up to fifteen staff
* Analysing user case and test requirements, designing test strategy and liaising with Project Manager
* Leading AGILE testing project, as Scrum Master, including developing scrum test strategy
* Organising all planning, daily standing and review meetings during testing programme
* Managing the delivery of multiple projects as Test Lead
* Undertaking automation risk assessment and test script design
* Applying expertise in TCL (advanced), C (advanced) and Java (basic) as a Test Engineer
* Providing accurate and timely test summary report to Project Manager

**Zhong-Xing Telecommunication Equipment Co. Ltd (ZTE), China (continued)**

UMTS NODEB Base Station Test Department – *Requirement Analyst (*Jan 2010 – Jun 2012*)*

* Leading requirement tracking, checking consistency of market requirements to product delivery, overseeing test quality and planning software release to often strict deadlines
* Handling a high volume of requirements tests; six projects at a time (1,000 tests over two years)
* Liaising with clients, and marketing and research staff to identify market and product requirements
* Discussing requirements with subject matter experts, including Developer and Testing staff
* Writing product requirements in product specification with a focus on market needs
* Providing accurate reporting to Developers and Testers

UMTS NODEB Test Department – *Test Lead/Test Engineer (3G NodeB IUB Network) (Apr 2003- Dec 2009)*

* Training and managing performance of up to twelve staff
* Planning and managing multiple programmes, risk assessment, testing and fault analysis
* Overseeing writing of test specification documentation, test scripts execution, including developing the program (stubs and drivers) to implement component tests
* Delivering accurate test reporting documentation
* Designing and developing the automation test tools (RNC Simulator and UE Simulator) using C

**Guangdong Software Park, China** – *Software Engineer* **Apr 2002 – Mar 2003**

* Analysing clients demands, designing software architecture and developing web programmes (by JavaScript, JSP, HTML etc)
* Testing all software functionality, performance and stability