Han Zheng

Personal Details

Term Address	Trinity College Cambridge CB2 1TQ The United Kingdom	Home Address	Room 202, Building 203, Lane 3671, North Zhongshan Road, Shanghai, 200062, P.R. China
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Email	**hz211@cam.ac.uk**	Home Phone	(8621) 62450074
Gender	Male	Date of Birth	18/03/1980
Marital Status	Single	Nationality	Chinese (P.R. China)

Education

1999-2002	**Trinity College, Cambridge University** Reading : **First Class** B.A. (Hon.) / CS (**Computer Science Tripos**)
1998-1999	**Shanghai Jiao Tong University** Reading for : BSc (Hon.)+MSc (**Electronics and Information Sciences**)
1995-1998	**No. 2 Secondary School Attached to East China Normal University** Reading : Senior Secondary School (*National Science Class*)
1991-1995	**No. 2 Secondary School Attached to East China Normal University** Reading : Junior Secondary School

Computing Skills

- Understanding of Hardware
- Experienced in MS-DOS, Windows 3.x, Windows 9x/NT/2000 and UNIX/Linux Platforms
- Proficient in Microsoft Office (especially in Word, Excel and PowerPoint)
- Competent in programming in a variety of programming languages including **BASIC**, **PASCAL**, FOXBASE, FOXPRO, **ML**, **C, C++, JAVA** and **Python** as well as some Assembler
- Experienced in **HTML**, **JavaScript, LaTeX** and general **XML**
- Skilled in Information Retrieval and the Internet (and Internet-related servers and applications), and experienced in low level socket programming
- Skilled in **CORBA** and CORBA to C++ and Python language mappings, in particular *omniORB* and *omniORBpy* by AT&T Laboratories Cambridge
- Understanding of information transmission protocols
- Experienced in Mobile Internet Technology
- Familiar with SQL database

Academic Achievements

- Achieved *First* again in the **CST Part II** final exams (2002)
- Achieved *Top First* (second place) again in the second year **Part IB** exams (2001)
- Elected again *Senior Scholar* **of Trinity College, Cambridge University** (2001)
- Awarded again the *Examination Prize* by **Trinity College, Cambridge** (2001)
- Achieved *Top First* (first place) in the first year **Part IA** exams (2000)
- Awarded the status of *Fellow of the Cambridge Overseas Society* (2000)
- Elected *Senior Scholar* **of Trinity College, Cambridge University** (2000)
- Awarded the *Examination Prize* by **Trinity College, Cambridge** (2000)
- Awarded the *Data Connection Prize* for the excellent achievements (2000)
- Awarded a *Jardine scholarship* (full scholarship) by the **Jardine Foundation** to read Computer Science in Trinity College, Cambridge University (1999-2002)
- Elected *Honorary Cambridge Overseas Trust Scholar* (1999)
- Achieved **A A A** for A-level Mathematics, Physics and Chemistry (1998)
- Offered a place in the *Honors Class* in **Shanghai Jiao Tong University** to read **Electronics and Information Sciences** for **BSc (Hon.) + MSc joint degree** due to First Place achievement in the Admission Examinations (1998)
- *Exempt* from the General Graduation Examination for Senior Secondary School Students (1998)
- Awarded a place in the *National Science Class* in **No. 2 Secondary School Attached to East China Normal University** due to 4th Place achievement in the National Admission Examinations (1995-1998)
- Offered a place in the *Regional Science Class* in **No. 2 Secondary School Attached to East China Normal University** due to First Place achievement in the Regional Admission Examinations (1995-1998)
- *Exempt* from the General Graduation Examination for Junior Secondary School Students (1995)
- *Exempt* from the General Graduation Examination for Primary School Students (1991)

Employment History

- July 2001 – September 2001
  AT&T Laboratories Cambridge Ltd
  24a Trumpington Street, Cambridge, CB2 1QA, UK
  http://www.uk.research.att.com
  Summer Internee working in the **CLAN** (Collapsed LAN) project group on automatic network topology discovery and network management.

- July 2000 – September 2000
  Peramon Technology Limited
  Priory Court, Reading, RG7 2BJ, UK
  Summer Internee working as a mobile Internet software developer.
  http://www.peramon.com   — company website
  http://www.themobilizer.com   — WAP Portal demonstration site

  Responsibilities:
  1. Building up and maintaining (upgrading) the company's demonstration system.
  2. Developing new WAP application features.
  (1) SMS inbound message (command) processing
  (2) WAP calendar service

Additional Skills

- ❖ **Rapid Learning** — leaping in at the deep end; fast familiarization with technology
- ❖ **Responsibility** — everything assigned taken seriously
- ❖ **Team Work** — ability to work well both individually and in a team

Interests and Hobbies

- Playing Badminton and Chess
- Reading Classic Novels and Science Fictions
- Going for countryside walks
- Traveling: I have been to Portugal, Spain, France, Germany, the Netherlands, Belgium, Luxemburg and the UK
- Reading issues about computer science
- Dismantle and Assemble electrical appliances
- Trying out new software and surfing the Internet
- Helping out people with difficulties if I can

Experiences

o **Computer Science Tripos Group Project and Personal Project**

My CST Part IB Group Project was building a Lottery Server. Coding was done in Java. I was the chief programmer.

My CST Part II Personal Project was writing "Visual Manipulation Packages for the CVIeditor". CVIeditor is a smart image editor based on a stable image segmentation scheme developed in AT&T Laboratories Cambridge. My work was to create a Panorama Mosaicing Tool, a Colour Corona Correction Tool and a Local Morphing Tool for the CVIeditor.

o **Cambridge University Scientific Society Membership Secretary**

I was elected Membership Secretary on the Executive Committee of the CU Scientific Society as a first year student, and re-elected in the second year and third year. I am in charge of all the electronic resources and the database of the whole society.

o Voluntary Demonstrator for the National Science Week in Cambridge

I offered to be a voluntary demonstrator for the experiment 'Mini Explosion' for the National Science Week in Cambridge held on 18 March 2000, *my birthday*, which involved working with children and getting them to understand experimental results.

o **Monitor of Class**

I was the monitor of class for various classes from Junior Three (1994) until First Year in Shanghai Jiao Tong University (1999), i.e. for five years running.

o Secondary School Magazine

I was Co-Editor of *PORTRAIT*, the School Magazine of my Secondary School, and author of some of the articles.

Referees

Dr. A. C. Norman (Director of Studies)	Mr. Martin Barrett (Previous Employer)
Computer Laboratory	R & D Technical Officer
University of Cambridge	Peramon Technology Limited
Trinity College	Priory Court
CAMBRIDGE	READING
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