

Curriculum Vitae
of
Jason C. Wong

26th October 2006

Personal Details

Name: Jason C. Wong
Address: Perth, Western Australia
Email: jason@graduate.uwa.edu.au
Home page: <http://www.csse.uwa.edu.au/~jasonw>
Date of Birth: 28-Oct-1981
Citizenship: Australia
Driver's License: Yes
Own Transport: Yes
Languages: English, Proficient Writing and Speaking
Cantonese, Proficient Speaking

Education

1995-1998 **Lake Joondalup Baptist College**

Tertiary Entrance Score (1998): 414.1
Tertiary Entrance Rank (1998): 98.5%

1999-2004 **The University of Western Australia**

Completed Honours in Computer Science 2002 2A

Units completed in Year 2001

| | |
|---|----|
| Algorithms 300 | HD |
| Computer Graphics 311 | HD |
| Elect. Model & Circuits Design 227 | HD |
| Databases 313 | HD |
| Electromagnetics & Electromechanics 224 | HD |
| Software Engineering 314 | D |
| Computer Networks 312 | D |
| Operating Systems 316 | D |

Units completed in Year 2000

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|--|----|
| 2LA: Linear Algebra | HD |
| 2C2: Calculus 2 | HD |
| 2MM: Mathematical Methods | HD |
| Object Oriented Programming 224 | HD |
| Unix and Windows Programming 227 | HD |
| Computer Engineering 102 | HD |
| Physical Electronics 204 | HD |
| Electrical Properties of Materials 205 | HD |
| Linear Systems 215 | HD |
| Data Structures 223 | D |
| 2C1: Calculus 1 | D |
| Linear Circuits 216 | D |

Units completed in Year 1999

| | |
|------------------------------------|----|
| Foundations of Programming 120 | HD |
| Mathematics 100 | HD |
| Electrical and Electronic Eng. 120 | HD |
| Physics 105 | D |

Postgraduate Student (PhD) in Computer Science 2003 – Present.

Programming Skills

Product Name

C/C++
Windows 98/NT/XP
Red Hat Linux
Java
Visual Basic Programming

Experience Level

Advanced (Always Use)
Intermediate (Regular Use)
Intermediate (Regular Use)
Intermediate (Regular Use)
Above Beginner (Intermittent Use)

My postgraduate topic involves designing and implementing an efficient real-time animation system for plants. Throughout this project, I find that I'm required to always keep efficiency in mind and to always consider possible optimisations in the code. I have also become familiar with C and C++ in a Linux environment. I also have experience in Visual Studio C++.

Besides my main PhD project, I have also been closely involved with side projects. Two of these projects in particular were focused on making simple games that we submitted to IGDC '04 and intended to submit to ADGC '04. Both were designed and developed by a core group of like-minded PhD students. In both projects, I was involved mainly with the graphics side, dealing with rendering and collision detection and touched upon enemy behaviour modelling.

Objectives

My foremost objective is to complete my PhD, which I started with the intention of learning more computing skills, as well as to experience the area of research. I then intend to pursue work in the design and development of computer games. Since I experimented with my father's Apple Macintosh (classic games like snake, and load runner), I have been hooked on video games (especially RPGs, FPSs, and platformers). I also have a passion for computer programming and problem solving in general.

My hobbies and interests include:

- ◆ Anything related to computer graphics – especially games on all platforms
- ◆ Computer Programming
- ◆ Karate, Squash, Table Tennis, Badminton and Ten Pin Bowling,
- ◆ Reading Novels, Playing Go and Music (playing and composing).

Employment History

The University of Western Australia

Position: Research Assistant developing Auslan Tuition System
Industry: Computer Science and Education
Period: Jan. 2003 to Nov 2005.

Position: Teaching Assistant for

- Operating Systems 205
- Algorithms 300
- Java 124
- Data Structures 223

Industry: Computer Science and Education
Period: Feb 2002 to Nov 2005.

Being a tutor and research assistant has helped me to develop more appropriate and effective communication skills. As a tutor, I learnt to communicate detailed concepts to students in simple ways. As a research assistant, I learnt to communicate and implement ideas in research and at a professional level. This required a clear communication of objectives for the Auslan Tuition System to be implemented according to design.

SunCorp Information Technologies (Asia) Ltd.,

Position: Technician (Technical Support Team)
Job Description: Implementation Tester (General)
Industry: Information Technology and Telecommunications
Period: Apr. 2000 to Jun. 2001

I was employed as a beta tester for a multi-facet communication program that included VoIP, email management, and IM features. This casual employment allowed me to learn to be thorough in testing software, as well as to write concise bug reports.

Golden Town Chinese Restaurant

Position: General waiter and kitchen hand
Industry: Foods and Services
Period: Jan. 1993 to Dec.1994

As a teenager, I worked in a restaurant environment and as a result, I learnt several useful workplace skills. I learnt to work together with other people, to think and react quickly to sudden customer demands, and to develop my PR skills.

Administration Experience

SIGGRAPH Perth – Treasurer 2004 - Present

Perth Alliance Church –

- ⇒ Deacon of English Congregation 2005 – *Present*
- ⇒ Treasurer for English Congregation 2003 - *Present*
- ⇒ Member of English Congregation Committee 2001- *Present*
- ⇒ Key member of music team (playing piano, bass guitar, guitar or singing), 1998 - *Present*

Go UWA Club – President of the UWA Guild affiliated club for the strategy boardgame called Go, Igo, Wei Qui, or Baduk 2006 - Present

Boy's Brigade Australia – Captain of 11th Belmont unit. 2000- '01

Australian Army Cadets – Acting Sergeant (Corporal) of 507 RCU, 1997

Experience I have gained from various places has helped me to improve my organisation ability, accountability in my responsibilities, leadership as well as being part of a team, punctuality and discipline.

Personal Achievements

- § Won gold, silver, and bronze medals in the State Karate Championships, '02, '06.
- § Won gold medals in the Shoto Karate Cup, '02, '03.
- § Won the school Chess Championship and appointed Captain of school chess team, 1998.
- § Achieved AMEB (*Australian Music Examination Board*) level of grade 5 in piano, level 5 in theory of music.

Referee

Amitava Datta

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