

Vincent Lee Hong Fay

Date of birth: 19 March 1975

Nationality: Malaysian

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Career Objective **To establish my career in the Software and Education industry.**

Experience

Managing Director

Oct 2003 – now, Wavelet Solutions Sdn. Bhd.

- **Principal Application Architect**

I am responsible for the design and implementation of an enterprise management portal which includes several core modules e.g. inventory, point of sales, supply chain and accounting.

- **Sales and Marketing**

I manage a 5-man sales team to market the company's software products to small and medium businesses in Malaysia and Singapore.

Associate

Oct 2000 to Oct 2003, DBS Bank Ltd, Singapore.

- **Unix System Administration**

I was the System Administrator of the Internet Banking system in DBS Bank. I managed the Unix servers, carried out general network and hardware maintenance. The opportunity to put my hands on various production enterprise servers e.g. Netscape Web Server, Broadvision Application Server, Oracle Database Server and Firewalls was truly enriching.

- **Management Training Program**

I attended a full time Management Training Program. This program provided taught courses like Money and Banking, Financial Accounting, Credit and Lending, Macroeconomics, Treasury, Corporate Finance, Financial Statement Modeling and Valuation, Applied Corporate Finance, Taxation, Business Writing Skills, Selling Skills and Presentation Skills. A case study and several field trips during the course gave me an overview of the banking operations.

- **Forex Derivatives Dealer**

I was with the Financial Institutional Sales Team in the Treasury & Markets department. I was dealing forex, credit derivatives and other structured financial instruments.

- **Group Communications, Interactive Services**

I was the intranet webmaster at DBS Bank. I managed various projects to enhance the use of Intranet as an effective internal communication channel across the bank in the region.

Assistant Engineer

June 1998 – Sept 1998, Lucas Varity Electrical and Electronic Systems Ltd.

- **Research on real-time embedded vehicle algorithm**

I had the opportunity to be fully accountable for a project to reverse engineer a low tyre algorithm for Ford, from C and assembly codes. This real-time and embedded system's algorithm was modeled using I-OOA (Object-Oriented Analysis) under UNIX platform. I also designed a plant model using Matrix X (Control Engineering Software similar to Matlab) to extract the data from storage and co-simulating both models mentioned through UNIX pipe. My models were used as sub-systems of the Advance Braking Systems Project.

Technical Assistant and Accounts Clerk

July 1996 – Sept 1996, Pan-Merchant Industries Ltd.

- **AutoCAD and CNC**

Gained experience in using a Computer Numerical Controller (Milling Machine) and in using AutoCAD to produce industrial moulds. Assisted Project Manager in carrying out an exhibition and demonstration of waste water filtration in a sewage treatment plant.

- **Accounts and Admin work**

I was helping the account department to consolidate the customer accounts.

Education

Cambridge University, UK.

Oct 1999 – Sept 2000

M Phil in Signal Processing.

My research is to investigate the applications of Complex Wavelet Transform in 3D datasets. I use Hidden Markov Tree and Bayesian Estimation as models to denoise images.

M Phil modules:

Digital Signal Processing, Image Processing & Coding and Stochastic Processes.

**University of Manchester Institute of Science and Technology
(UMIST), UK.**

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B Eng in Electrical Engineering and Electronics (Graduated with First Class Honours)

Final Year Subjects :

Electronic Engineering Circuits, Electronic Engineering Design, Engineering Management, Microcomputer Structures & Applications, Power Systems, Electrical Drives, Engineering Analysis, Communication Engineering.

Final Year Project :

I undertook a project sponsored by Lucas Varity Electrical and Electronic Systems on optical flow. I was developing a PC based system capable of seeing other vehicles highlighted as areas of optical flow despite of the background flow on a sequence of images. This was done off-line and the system was incorporated using Windows interface.

Second Year Subjects :

Mathematics, Engineering Mathematics, Electronic Engineering I & II, Microcomputer Engineering, Communication Engineering, Electrical Circuits and Power Electronics, Control Engineering, Electronic Measurement Systems, Electrical Equipment & Applications, Engineering Applications and Transferable Skills II.

Mara Institute of Technology, Shah Alam, Malaysia.

Oct 1996 – Sept 1997

First Year B. Eng (NTUC) – Electrical Engineering and Electronics.

Graduated with first class honours.

First Year Subjects:

Circuits and Systems, Fundamentals of Electromagnetism & Applications, Analogue and Digital Electronics, Computer Systems & Microprocessor System, Engineering Mathematics & Statistics.

Mara Science College, Kuala Lumpur, Malaysia.

July 1994 – June 1996

'A'-Levels subjects:

Mathematics (Cambridge Board) – A, Further Mathematics (Cambridge Board) – A, Further Pure Mathematics (London Board) – A, Further Mechanics (London Board) – A, Physics (Cambridge Board) – A, Accounting (AEB Board) – A.

Sixth Term Examinations Papers (STEP):

Mathematics II - Grade S, Physics - Grade 1
* Grade S - "Outstanding", Grade 1 - "Very Good".

Catholic High School, Melaka, Malaysia.

Completed SPM examinations (equivalent to 'O'-Levels)

Mathematics – A1, Additional Mathematics – A1, Physics – A1, Biology – A1, Chemistry – A1, Accounting – A1, English – A1, Malay Language – A2 and History – A2.

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Awards

Singapore Corporate Scholarship (1999)

Full scholarship jointly awarded by Singapore Economic Development Board and Development Bank of Singapore for my M. Phil degree at Cambridge University.

Cambridge Commonwealth Trust Honorary Scholar

High Achievers Award

Awarded by Mara Science College for good academic performance in A-Levels examinations.

Best All-Rounder 1996

Voted by fellow students in the college.

Malaysian Public Services Department (JPA) Scholarship

Awarded full scholarship which includes tuition fees, allowance and living expenses to pursue A-Levels and first degree in the UK (June 1994 – September 1999).

Other Skills

Computer Networking

While working as the System Administrator at DBS bank and through various other opportunities, I had working knowledge of enterprise level network architecture, security and planning.

System Administration

I am extremely strong in Linux, Unix and NT system administration. I managed mission critical systems like Internet-Banking at DBS Bank, perform health, security check on the systems, and managed a team of developers in the UAT servers. I have attended Solaris System Administration Courses by Sun Microsystem and Linux System Administration Courses by Cambridge Computing Service (England).

Application Development

I have extensive experience in developing J2EE applications on Open Source Platform (e.g. JBoss, Linux, Tomcat, PostgreSQL, MySQL etc). I am also very proficient in C, C++, Visual Basic, JavaScript, Unix shell scripts, Intel and Motorola 68K assembly language. My familiarity with MFC (Microsoft Foundation Class) enables me to develop Windows Programs quickly. I have done JNI (Java Native Interface) to interface java programs with windows dynamic link libraries for biometric applications.

Application Design

I have developed web-based applications using STRUTS and MVC (Model-view-controller). These experiences help me to develop applications that are scalable, robust and reusable.

Leadership

During my employment at DBS Bank, I have founded a new society called the "DBS Interact". As the founder and the chairman of the team, I

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have enhanced communications across various departments in the bank as well as bridging the communication gap between the DBS Group's top management with the grass root associates.

In addition, I was also the chairman of the Information Technology Group Welfare Committee in DBS. In college and university, I was an active committee member of the Students' Representative Council. I was entrusted with the responsibilities to organize various activities, and solving complex issues dealing with people with different personalities.

Sports

I played basketball and volleyball for Fitzwilliam College at Cambridge University. My other favourite sports include badminton, swimming and Tae-Kwon-Do. These sports help me to maintain physical fitness and mental agility. In addition, they teach me the importance of teamwork, making me more sporting, tolerant, and selfless. I represented my state in National Tae-Kwon-Do tournament and won a bronze medal. I organized trips to tropical jungles, conquered Mount Tahan (highest peak in Peninsular Malaysia) and Mount Kinabalu (highest mountain in South East Asia). Currently, I am a regular badminton player and a beginner in golf.

Languages

Fluent in written and spoken English, Chinese and Malay.
Fluent in spoken Chinese dialects (Cantonese, Teo-chiew and Hokkien).

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