

Curriculum Vitae

Mr. Valance Phua

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Education

- Mar 2005 – current University of Western Australia**
Doctor of Philosophy (PhD) in Computer Science – *in progress*

Proposed Research Topic: A Framework for Wireless Sensor Networks in Manufacturing Environments
- Mar 2004 – Dec 2004 University of Western Australia**
1st Class Honours in Bachelor of Computer and Mathematical Sciences (major in Information Technology)
- Feb 2000 – Dec 2002 University of Western Australia**
Bachelor of Computer and Mathematical Sciences (double major in Computer Science and Information Technology Systems)
- Feb 1999- Dec 1999 Canning College**
Western Australian Universities' Foundation Program (WAUFP) – TEE equivalent

Awards

- Mar 2005 - current University Postgraduate Award, UWA**
Recipient of scholarship for postgraduate study for three years.
- Nov 2004 Outstanding Student in Visualisation 413, UWA**
Obtained the highest mark in the unit Visualisation CITS4241 (formerly 233.413).
- July 2004 Outstanding Student in Scientific Communication 405, UWA**
Obtained the highest mark in the unit Scientific Communication CITS7200 (formerly 233.405).

Nov 2003

Honeywell Student Prize, UWA

Best group project in Professional Computing 230.307, 2003. Project was on Photometric Stereo Images, supervised by Assoc. Prof. Ryszard Kozera of UWA.

Oct 1999

Employee of the Month, October

Baskin Robbins 31, East Victoria Park, Perth.

Work Experience

Mar 2005 – June 2006 Casual Teaching, UWA

Tutor, lab demonstrator, and examination and student project marking for the units Concurrent Programming CITS3213 (formerly 230.304) and Software Engineering CITS1220 (formerly 670.104)

Duties: Supervise an average group of 40 students to problem solve various issues in the related subjects. Prepare materials for tutoring and laboratory sessions. Provide support and general consultation to students with both their tutoring and laboratory exercises. Prepare marking guidelines and mark student projects (worth 30% of unit outcome on average) and examination papers (worth 50% of unit outcome on average) of an average of 100 students undertaking the respective units.

Dec 2002 – Dec 2004 Private Tutor

Duties: Provide private tutoring on IT related subjects including database, java programming, and visual basics to Curtin and Edith Cowan University students. Prepare materials for tutoring sessions, mark exercises and assignments, and provide general tutoring.

Mar 2003- Jan 2004 Chef

Nagano Sushi (Japanese Cuisine)
Midland Gate Shopping Centre
Perth WA

Duties: Manage kitchen inventory, supervise kitchen hand in food preparation, and ensure basic workplace safety procedures are in force.

April 2000 – Feb 2003 Systems Administrator & Support Personnel

Internet Go.Go Cybercafe
William Street
Perth WA

Duties: Maintain local area network, monitor network traffic used by customers, provide customer support, cash reconciliation and balancing, and close of shop.

Personal Achievement: Wrote a complex cash register software to calculate the total cash tendered based on the time spent using the computers.

Feb 1999 – Feb 2000 Senior Sales Person

Baskin Robbins 31
East Victoria Park
Perth WA

Duties: Provide customer service, create duty roasters, supervise junior employees, perform stock take, operate and balance cash register, general cleaning, and close of shop.

University Involvements

2001

Editor, UWA Lighthouse International Student Magazine

Responsibilities: Coordinated and supervised the editorial team. Managed matters involving publication of the magazine, finance, and funding.

2000

Sub-editor, UWA Lighthouse International Student Magazine

Responsibilities: Allocated duties to the editorial team. Provided advice and feedback on all materials compiled by the team members.

Technical Skills

Programming Languages

- Java, C, C++, PHP, ASP, Perl, MySQL, Oracle Highly Proficient
- Pascal Intermediate

Operating Systems

- Unix/Linux, Windows 95/98/2K/XP Highly Proficient
- Mac OS Intermediate

Software Applications

- Microsoft Office/Visual Studio/VisualStudio.Net Highly Proficient
- Adobe Photoshop, Rational Rose Highly Proficient
- Macromedia Flash, Dream Weaver, Matlab Intermediate

Non-Technical Skills

Communication

Having worked as a senior sales person in the retail line, I have attained excellent communication skills in understanding and meeting customer needs, as well as communicating with management and staff members in contributing ideas and suggestions towards improving service at the place of business.

Planning

I have acquired effective planning capabilities during my time as the editor of UWA Lighthouse international student magazine from organizing a successful timeline and budget to meet the magazine's publishing deadline.

Problem solving

I have shown competent problem solving skills by providing innovative and exact solutions to problems of various levels of complexities, both in numerical and verbal information, as a result of working as a tutor, lab demonstrator, systems administrator, and sales person.

Team membership

I am an excellent team player as a result of my experience in working in the retail line, food business, and being the editor of UWA Lighthouse international student magazine, which require constant team cohesion, communication, participation and contribution to maintain and improve the level of service and production.

Leadership

As the editor of UWA Lighthouse international student magazine, I have successfully managed the editorial team to produce an impressive and credible magazine. I have also supervised junior staff members while working as a senior sales person in the retail line to maintain an optimal level of service. As a chef, I have effectively supervised staff members to ensure that health and safety procedures were practiced.

Additional Information

Language: Fluent in English and Malay. Basic level of spoken Mandarin
Transport: Own vehicle with Class A Western Australian drivers license
Residency status: Permanent Resident

Personal Interests & Hobbies

- Writing small software programs for personal use
- Setting up network systems
- Composing music
- Playing flute, organ, guitar, and violin
- Horse riding
- Firearm practice

Referees

Assoc. Prof. Amitava Datta

PhD Supervisor, UWA, 2005 - current
(08) 6488 3449

Dr. Rowan Davies

Unit coordinator, Concurrent Programming CITS3213, 2006
(08) 6488 2639

Dr. Du Huynh

Unit coordinator, Software Engineering 104, 2005
(08) 6488 2878

Assoc. Prof. Mohhamed Bernnamoun

Unit coordinator, Concurrent Programming 304, 2005
(08) 6488 2715

Ms. Monica Sim

Nagano Sushi, Owner
0403 031 059

Dr. Anthony Ooi

Brother-in-law
(08) 9477 4883

Last updated: 04 July 2006