

**PROFILE: SIMON LAU BOUNG
YEOW**
1st MSC Malaysia R&D Series
Cyberview Lodge, 8th April 2009

CURRENT POSITION AND AFFILIATION

- Lecturer
- Faculty of Engineering, Multimedia University
Cyberjaya
- My competency mainly in software engineering
and IT area



ACADEMIC QUALIFICATIONS

- Pursuing PhD in Information Technology (Multimedia University, Cyberjaya¹)
- Master of Science in Construction Engineering and Management (Malaysia University of Science and Technology²)
 - CGPA 3.59
- Bachelor of Engineering (Hons) in Electronics (Multimedia University, Cyberjaya)
 - CGPA 3.99

1 – <http://www.mmu.edu.my>


2 – <http://www.must.edu.my>

INDUSTRY EXPERIENCE


- 2002-2003 Analyst programmer
 - MSC Technology Center Sdn Bhd¹
 - Analyze requirements
 - Develop web-based System
- 2003-2004 Researcher and Developer
 - ITS Consortium Sdn Bhd
 - Conduct research and develop C# application
- 2004-2006 R&D Engineer
 - Panasonic R&D Center Malaysia Sdn Bhd
 - Conduct R&D activities
 - Conduct CMMI activities

1 – <http://www.msctc.com.my>

INDUSTRIAL COLLABORATION

- 2008-2009 Intel Multicore Computing Workshop Trainer
 - 2007-2008 Project leader and developer of an MDeC start-up project (<http://www.myhotstores.com>)
 - 2004 Freelance developer of a web system VHub
 - 2004 Research assistant and developer for a traffic analytic tool using Automatic Vehicle Location System (AVLS) for ITS Konsortium ITIS initiative for Klang Valley (part of my Master study)
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RESEARCH PROPOSAL WRITING FOR FUNDING

- 2007-2008: MOSTI eScience Fund
 - Title: Context-aware and dynamically evaluative authoring/knowledge management tool in service-oriented learning environments (Completed)
 - Project Leader: Dr. Lee Chien Sing (FIT, MMU)
 - 2009: Intel Research Grant
 - Title: Design and Development of Innovative Intel Multi-core Programming Courseware and Simulation Tool (pending approval of project owner from Intel)
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RESEARCH PROPOSAL WRITING FOR FUNDING

- 2009: MOSTI eScience Fund (as project leader)
 - Title: Design and Develop Collaborative Tagging Algorithm and Tool to Improve Knowledge Management of Software Resources in Software Engineering Process of Web Services (pending submission)
- 2007: Suruhanjaya Kebangsaan UNESCO Malaysia
 - Title: Poverty Eradication among Urban Citizen through Online and Offline Financial Literacy Educational Program (shortlisted, pending approval from UNESCO)

TECHNICAL SKILLS


- Software Design
 - UML
- Software Development
 - C#.Net and Visual Basic.Net
 - C/C++ Programming
 - PHP / HTML
 - Java (learning)
- Database Systems
 - MySQL
 - Microsoft SQL Server

CURRENT RESEARCH AREA & OUTPUTS

Areas:

- Semantic Web Services
- Pervasive / Ubiquitous Computing (in eLearning)
- Collaborative Tagging

Outputs:

- 3 International journal paper
 - 3 International conference paper
 - 1 Local conference paper
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ACADEMIC EXPERIENCE

○ Lectures:

- Software Engineering
- C Programming, Algorithm and Data Structure
- Computer Organization and Architecture

○ Training:

- Intel Multicore Workshop for Intel

- Industrial Training Program committee for students
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FINAL YEAR STUDENT PROJECTS

- **2006-2007 (Completed)**
 - Exercise Machine Video Game: Hardware Component (uC system)
 - Vehicle Speed Safety Alert and Control System (uC system)
 - Automated Software Project Performance Evaluation System for CMMI
- **2007-2008 (Completed)**
 - Life Support System for Senior Citizen (mobile SMS communication system module)
 - Software based speech recognition application using Sphinx engine
 - Wireless USB for Integrated Video Game and Exercise Machine (extended project)
- **2008-2009 (To be completed in May 2009)**
 - Java based multi-player gaming for exercise machine
 - Life Support System for Senior Citizen (speech recognition and synthesis module)
 - Real estate portal using Adobe Flex, PHP and MySQL for microscopic property search

OTHERS


Strengths / Preference:

- Multi-lingual (good command of English, Malay and Chinese – speaking, reading and writing)
- Communication and writing skill
- Managerial skills
- Dynamic team player
- Like innovation
- Flexible working time
- Accountability

Hobbies:

- Avid reader of books, online news, blogs etc.
- Sports: jogging table tennis and badminton player

VALUE PROPOSITION

- Any collaboration is two-way and mutually beneficial
 - The competency and expected output must match
 - My main contributions:
 - Industrial R&D experience in Panasonic R&D
 - CMMI experience
 - Industrial development experience as a analyst programmer
 - Academic research experience in MMU
 - Project management experience
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THANK YOU

- My experience may contribute towards creating values through strengthening of your organization's R&D capabilities, hence your sales initiatives
 - Appreciate opportunity to gain industrial experience with your organization
 - Glad to know you and thank you for your time.
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