

Dr. SUKUMAR LETCHMUNAN



Sukumar Letchmunan completed his PhD in Computer Science at the University of Strathclyde (UK) in 2013. Since then he is a senior lecturer at the School of Computer Sciences, University Sains Malaysia (USM). He has been a tutor, technical trainer and served as lecturer and course coordinator at private college and private university prior to his PhD studies. His research interest are in Software Engineering, Software Metrics in Web applications, software cost estimation and agile project management. Sukumar Letchmunan can be contacted at: sukumar@usm.my

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Age	: 39 years old		suku8868@gmail.com
Sex	: Male	Marital Status	: Married
		Health	: Excellent

OBJECTIVES

To strive for academic excellence and impart quality education with emphasis in Computer Science.

To create the habit of executing and implementing computer science problems, which they could apply in their professional life in future.

To commercialize the research that been carried out in area of Computer Science.

PERSONAL STRENGTHS

Excel at the tasks of leadership, teamwork and loyalty. Strong analytical skills and management qualities. Ability to work on own initiative. Ability to tackle problems from different perspective, simplify and produce excellent results. Good interpersonal skills and team player. Able to communicate with all level of personals. Ambitious dedicated, dependable, highly motivated and enthusiastic. Strong desire to bring success and achievement to your organization.

EDUCATION

University Of Strath clyde , Glasgow, UK	Phd in Computer Science (Pragmatic Cost estimation for Web Applications)
University Putra Malaysia , Serdang Selangor	Master in Computer Science CGPA 3.479 Major In Software Engineering
University Putra Malaysia , Serdang Selangor	Bachelor in Computer Science CGPA 3.678 Major In Computer System
University Putra Malaysia , Serdang Selangor	Diploma in Computer Science CGPA 3.4

WORKING EXPERIENCE

Nov 2012- Till Now **Senior Lecturer- University Science Malaysia (USM)**

Aug 2005- Dec 2007 **Lecturer - Wawasan Open University (WOU)**

<i>Job Tasks</i>	<i>Achievement</i>
Co-ordinate Part Time Lecturer Written Modul For Basic Computing & Internet Written Modul for Software Engineering 1	Adapted and publish a book “Microsoft Office 2003: Advanced concepts and techniques” Serial No: 9789814232517, Thomson Learning

May 2001- Aug 2005 **Lecturer – Cybernetics College of Technology (CICT)**

<i>Job Tasks</i>	<i>Achievement</i>
Lecture Computer Science (Core Subjects) Diploma Course Coordinator Helping Marketing Department	Best Lecturer for Year 2002, 2003 and 2004 Complete full documentation for accreditation Win RM 25000 for the effort to recruit 48 students.

Jun 2003- May 2005 **Part Time Lecturer – University Putra Malaysia (UPM)**

<i>Job Tasks</i>	<i>Achievement</i>
Lecture Computer Science Course – Java Programming	Continuously high rated by students and internals evaluation.

PUBLICATIONS

1. Letchmunan, S., Roper, M and Wood, M.. 2010. Investigating effort prediction of web-based applications using CBR on the ISBSG dataset. *Proc. 14th International Conference on Evaluation and Assessment in Software Engineering (EASE 2010)*
2. Sukumar Letchmunan, Web application Cost Estimation: A Systematic Literature Review Plan, Dept. Computer and Information Sciences, *University of Strathclyde, Glasgow UK*, 2012.
3. Letchmunan, S., Roper, M and Wood, M.. 2013. Pragmatic Cost Estimation for Web Applications. *The 9th International Conference on Predictive Models in Software Engineering (PROMISE 2013)* - Submitted
4. Letchmunan, S., Pragmatic Cost Estimation for Web Applications, PhD Thesis, *University of Strathclyde, Glasgow UK*, 2013.
5. Marc Roper, Sukumar Letchmunan, Murray Wood. Cost Estimation result consistency: Implications for SBSE. Dept. Computer and Information Sciences, *University of Strathclyde, Glasgow UK*, 2013.
6. Abdullah N. Sahl, Azman Samsudin and Sukumar Letchmunan, Visual ZeroKnowledge Proof of Identity Scheme by Using Color Images, *Middle-East Journal of Scientific Research* 21 (8): 1188-1196, 2014 ISSN 1990-9233 © IDOSI Publications, 2014 DOI: 10.5829/idosi.mejsr.2014.21.08.648
7. N Vatankhah, KT Wei, S Letchmunan, Usability Measurement of Malaysian Online Tourism Websites *International Journal of Software Engineering and Its Applications* 8 (12), 1-18, 2014
8. K Sutling, Z Mansor, S Widyarto, S Letchmunan, NH Arshad, Agile project manager behavior: The taxonomy, *Software Engineering Conference (MySEC)*, 2014 8th Malaysian, 234-239, 2014.
9. AO Shakiru, MA Yusuf, KT Wei, S Letchmunan Software Quality: Predicting Reliability of a Software Using a Decision Tree , *Information Technology Journal* 13 (18), 2755, 2015
10. Musa Midila Ahmed and Sukumar Letchmunan, A Systematic Literature Review on Challenges in Service Oriented Software Engineering, *International Journal of Software Engineering and Its Applications* 9, 2015
11. K Sutling, Z Mansor, S Widyarto, S Letchmunan, NH Arshad, Understanding of Project Manager Competency in Agile Software Development Project: The Taxonomy, *Information Science and Applications*, 859-868, 2015

Books

1. Sukumar Letchmunan, Gary B. Shelly, Thomas J. Cashman and Misty E. Vermaat, *Microsoft Office 2003 Advanced Concepts and Techniques (Adapted)*

