Benjamin GAN

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Singapore Management University (SMU)
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Summary Statement

- 29+ years of teaching experience with 20+ years in SMU and 8 years in NUS.
- I have taught in classrooms a total of 4,514 students in SMU. In 2025, I taught 8 classrooms with 262 students and an average instructor rating across courses at 6.7/7.0, as well as dissertation committee for 2 DBA students.

Education

PhD, University of Iowa, United States of America, 1995

Master of Science, University of Iowa, United States of America, 1989

Bachelor of Science, California State University, Fresno, United States of America, 1987

Academic Appointments

Associate Professor of Information Systems (Education), School of Computing and Information Systems, SMU, Jul 2012 - Present

Associate Professor of Information Systems (Practice), School of Computing and Information Systems, SMU, Aug 2005 - Jun 2012

Instructor/Teaching Assistant, University of Iowa (UI), United States of America, Jan 1987 - Jan 1995

Academic Administrative Positions

Academic Director, DHL-SMU Analytics Lab, School of Computing and Information Systems, SMU, Jul 2018 - Aug 2020

Member (School of Information Systems), University Tribunal, Office of the President, SMU, Jul 2017 - Present

Faculty Manager, IS Application Project (IS480), School of Computing and Information Systems, SMU, Jul 2012 - Jun 2020

Lead, IS480 IS Application Project, School of Computing and Information Systems, SMU, Jul 2008 - Jun 2012

Associate, Institute of System Science (ISS), National University of Singapore, Singapore, Jan 1998 - Jan 2005

Project Specialist, Institute of System Science, National University of Singapore, Singapore, Jan 1997 - Jan 1998

Other Positions and Affiliations

Member of Edge Team, Antares Alliance Group, United States of America, Jan 1996 - Jan 1997

Operations Planner, Antares Alliance Group, United States of America, Jan 1996

Project Leader, Antares Alliance Group, United States of America, Jan 1995 - Jan 1996

Senior Software Engineer, Antares Alliance Group, United States of America, Jan 1995

Software Engineer, Breakthrough Inc., United States of America, Jan 1990 - Jan 1995

Contract Programmer, Iowa City VA Medical Center, United States of America, Jun 1989 - Jan 1989

Professional Certifications

Certified Web Service Professional (Associate), NICC Singapore CWSPA/04/0001, Singapore, 2006 - 2007

Certified TOGAF 8 (Enterprise Architecture Express), Open Group, Singapore, 2005 - 2006

Certified Web Service Professional (Associate), NICC Singapore & XMLOne, Singapore, 2004 - 2005

Awards and Honors

Spring Singapore Quality and Standards Merit Award, Spring Singapore, 2016

National Day Award Public Administration Bronze Medal, Prime Minister's Office Singapore, 2015

Nominated for SMU Innovative Teacher, Singapore Management University, 2012

RESEARCH

Research Interests

Software Product Management
Interaction Design and Prototyping
Technopreneurship in education
Capstone project based learning for software engineering
Global Software Project Management
Object Oriented Analysis, Design (patterns) and Programming
Data Analytics in Logistic/Supply Chain

Research and Project Areas

Human-Computer Interaction
Software Engineering
Information Systems Management
Technology-Enhanced Learning & Pedagogy

Publications

Journal Articles [Refereed]

Enhancing students' global competence through international business study missions, by CHONG, Mark; GAN, Benjamin; MENKHOFF, Thomas. (2022). *Journal of International Education in Business, 15* (2), 165-183. https://doi.org/10.1108/JIEB-06-2020-0054 (Published)

'TweetBoard': A case study of developing a micro-blogging platform for higher education, by HSU, Joyce Shao Cheh; GAN, Benjamin; LEE, Jin; LIM, Sheryl Shu Hui; LIM, Jeremy Xie Yan; MENKHOFF, Thomas; TAN, Sherman Si Xian; WOODARD, C. Jason; YAP, Qiu Cheng. (2016). *International Journal of Social Media and Interactive Learning Environments, 4* (4), 305-318. http://doi.org/10.1504/IJSMILE.2016.081272 (Published)

Incorporating microblogging ("tweeting") in higher education: Lessons learnt in a knowledge management course, by MENKHOFF, Thomas; CHAY, Yue Wah; BENGTSSON, Magnus Lars; WOODARD, C. Jason; GAN, Benjamin. (2015). *Computers in Human Behavior, 51* 1295-1302. http://doi.org/10.1016/j.chb.2014.11.063 (Published)

Enhancing students' learning process through interactive digital media: New opportunities for collaborative learning, by GAN, Benjamin; MENKHOFF, Thomas; SMITH, Richard R.. (2015). *Computers in Human Behavior, 51* (Part B), 652-663. https://doi.org/10.1016/j.chb.2014.12.048 (Published)

Books (Refereed)

A Journey into the IT Jungle (2nd ed), by GAN, Benjamin; LEE, Yeow Leong; KOH, Lian Chee. (2008). Singapore: Prentice Hall. https://worldcat.org/isbn/9789810680503 (Published)

Book Chapters

Making sustainability education engaging and motivating for undergraduate students, by GAN, Kok Siew Benjamin; MENKHOFF, Thomas; LIOW, De Jun; CHUENG, Kevin; MANGOLD, Annabelle. (2025). In Nachamma Sockalingam, Jayarani Tan & Thomas Menkhoff (Ed.), *The Edtech Revolution: Pioneering the Future of Learning* Singapore: Elsevier. (Forthcoming)

Edited Books

Premier e-Business cases from Asia, edited by LEE, Jae Kyu; GAN, Benjamin; SETHI, Vijay. (2006). Pearson Prentice Hall. (Published)

Conference Proceedings

Evaluating ChatGPT to answer multi-modal exercises in computer science education, by OUH, Eng Lieh; TAN, Kar Way; LO, Siaw Ling; GAN, Benjamin K. S.. (2025.0). *ITiCSE 2025: Proceedings of the 30th ACM Conference on Innovation and Technology in Computer Science Education, Nijmegen, June 27 - July 2,* (pp. 58-64) New York: ACM. https://doi.org/10.1145/3724363.3729056 (Published)

A bottom-up multi-disciplinary approach for sustainability education: UN-SDG 13.3, by GAN, Benjamin Kok Siew; MENKHOFF, Thomas; OUH, Eng Lieh; CHEONG, Kevin. (2024.0). *PACIS 2024 Proceedings, Ho Chi Minh, Vietnam, July 1-5,* (pp. 1-17) Online: AIS Electronic Library (AISeL). (Published)

Examining the potential of micro-aerial vehicles for tree inspections as climate change education tools, by MENKHOFF, Thomas; GAN, Benjamin; FOONG, Shaohui. (2023.0). *2023 International Conference on Computational Science and Computational Intelligence (CSCI): Las Vegas, December 13-15,* (pp. 120-120) Washington, DC: American Council on Science & Education. (Published)

Sustainability projects with a community partner: A social norm nudging effort, by GAN, Benjamin Kok Siew; MENKHOFF, Thomas; OUH, Eng Lieh. (2023.0). *2023 IEEE International Conference on Teaching, Assessment and Learning for Engineering (TALE): Auckland, November 27 - December 1: Proceedings,* (pp. 1-7) Piscataway, NJ: IEEE. https://doi.org/10.1109/TALE56641.2023.10398303 (Published)

Class participation: Using technology to enhance efficiency and fairness, by GAN, Benjamin Kok Siew; OUH, Eng Lieh. (2023.0). *2023 IEEE International Conference on Teaching, Assessment and Learning for*

Engineering (TALE): Auckland, November 27 - December 1: Proceedings, (pp. 1-8) Piscataway, NJ: IEEE. https://doi.org/10.1109/TALE56641.2023.10398380 (Published)

ChatGPT, can you generate solutions for my coding exercises? An evaluation on its effectiveness in an undergraduate Java programming course, by OUH, Eng Lieh; GAN, Benjamin Kok Siew, SHIM, Kyong Jin; WLODKOWSKI, Swavek. (2023.0). *ITiCSE 2023: Proceedings of the 2023 Conference on Innovation and Technology in Computer Science Education, Turku, Finland, July 10-12,* (pp. 54-60) New York: ACM. https://doi.org/10.1145/3587102.3588794 (Published)

Are you cloud-certified? Preparing computing undergraduates for cloud certification with experiential learning, by OUH, Eng Lieh; GAN, Benjamin. (2023.0). *Proceedings of the 2023 IEEE/ACM 45th International Conference on Software Engineering: Software Engineering Education and Training (ICSE-SEET), Melbourne, Australia, May 14-20,* (pp. 46-57) Los Alamitos, CA: IEEE. https://doi.org/10.1109/ICSE-SEET58685.2023.00011 (Published)

Engaging students through conversational chatbots and digital content: A climate action perspective, by MENKHOFF, Thomas; GAN, Benjamin. (2023.0). *Proceedings of the 9th International Conference on Human Interaction and Emerging Technologies (IHIET-AI 2023), Lausanne, Switzerland, April 13-15,* (pp. 334-347) New York: AHFE. https://doi.org/10.54941/ahfe1002960 (Published)

An exploratory study of architectural style and effort estimation for multi-tenant microservices-based Software as a Service (SaaS), by OUH, Eng Lieh; GAN, Benjamin Kok Siew. (2023.0). *Proceedings of the 2023 IEEE 20th International Conference on Software Architecture Companion (ICSA-C), L'Aquila, Italy, March 13-17,* Los Alamitos, CA: IEEE. https://doi.org/10.1109/ICSA-C57050.2023.00043 (Published)

Designing flipped learning activities for beginner programming course, by GAN, Benjamin Kok Siew; OUH, Eng Lieh. (2022.0). *Proceedings of 28th AMCIS: Innovative Research Informing Practice, Minneapolis, 2022 August 10-14*
, (pp. 1-10) eLibrary: AIE eLibrary. https://aisel.aisnet.org/amcis2022/sig_ed/ (Published)

ITSS: Interactive web-based authoring and playback integrated environment for programming tutorials, by OUH, Eng Lieh; GAN, Benjamin Kok Siew; LO, David. (2022.0). *2022 44th IEEE/ACM International Conference on Software Engineering, Virtual, May 8-13: Proceedings,* (pp. 158-164) Piscataway, NJ: IEEE. https://doi.org/10.1145/3510456.3514142 (Published)

Effective digital learning practices for IS design courses during COVID-19, by OUH, Eng Lieh; GAN, Benjamin Kok Siew. (2021.0). *Proceedings of 27th Americas Conference on Information Systems, Virtual Conference, 2021 August 9-13,* (pp. 1-10) United States: AIS eLibrary. https://aisel.aisnet.org/amcis2021/is_education/ (Published)

Experience report on the use of technology to manage capstone course projects, by GAN, Benjamin Kok Siew; OUH, Eng Lieh. (2020.0). *2020 IEEE Frontiers in Education Conference (FIE): Uppsala, Sweden, October 21-24: Proceedings,* (pp. 1-8) Piscataway, NJ: IEEE. https://doi.org/10.1109/FIE44824.2020.9274111 (Published)

Evaluating methods for students to identify and clarify doubts in computing design courses, by OUH, Eng Lieh; GAN, Benjamin Kok Siew. (2020.0). *2020 IEEE Frontiers in Education Conference (FIE): Uppsala, Sweden, October 21-24: Proceedings,* (pp. 1-9) Piscataway, NJ: IEEE. https://doi.org/10.1109/FIE44824.2020.9274170 (Published)

Did our course design on software architecture meet our student's learning expectations?, by OUH, Eng Lieh; GAN, Benjamin Kok Siew; IRAWAN, Yunghans. (2020.0). *Proceedings of 2020 IEEE Frontiers in Education Conference (FIE), Uppsala, Sweden, October 21-24,* (pp. 1-9) Uppsala, Sweden: IEEE. https://www.fie2020.org/abstracts-and-papers/ (Published)

A longitudinal study of a capstone course, by GAN, Benjamin Kok Siew; OUH, Eng Lieh; LEE, Yin Yin Fiona. (2020.0). *Proceedings of the Americas Conference of Information Systems: 26th AMCIS 2020, Salt Lake City, UT, August 10-14,* (pp. 1-9) Atlanta: Association for Information Systems. (Published)

Vehicle routing problem for multi-product cross-docking, by GUNAWAN, Aldy; WIDJAJA, Audrey T.; GAN, Benjamin Gan Kok Siew; YU, Vincent F.; JODIAWAN, Panca. (2020.0). *Proceedings of the International Conference on Industrial Engineering and Operations Management 2020: Dubai, UAE, March 10-12,* (pp. 66-77) Southfield, MI: IEOM Society. (Published)

Designing learning activities for experiential learning in a design thinking course, by GAN, Benjamin Kok Siew; OUH, Eng Lieh. (2019.0). *2019 IEEE International Conference on Engineering, Technology and*

Education (TALE): Yogyakarta, Indonesia, December 10-13: Proceedings, (pp. 1-8) Piscataway, NJ: IEEE. https://doi.org/10.1109/TALE48000.2019.9225989 (Published)

Capstone course on facilitating Business Brainstorming in a Global Workplace, by LIM, Edison Jun Hao; GAN, Benjamin Kok Siew
. (2016.0). *Proceedings of the Undergraduate Conference in Information Systems, CMU, Pittsburgh, February 27, 2016,* Pittsburgh, USA: (Published)

ICT-TrAVEl: Mobile public transport companion for the visually impaired, by CUI, Linting; NGO, Kenny; GAN, Benjamin Kok Siew. (2016.0). *Proceedings of the Undergraduate Conference in Information Systems, CMU, Pittsburgh,* (pp. 1-6) Pittsburgh, USA: (Published)

Project sourcing for Capstone Course experience from an undergraduate program, by GAN, Kok Siew Benjamin; SHANKARARAMAN, Venkataramanan. (2015.0). *SITE 2015: 26th International Conference of Society for Information Technology and Teacher Education: March 2-6, Las Vegas: Proceedings,* (pp. 2795-2799) Chesapeake, VA: AACE. (Published)

Microblogging for engaged teaching and learning, by MENKHOFF, Thomas; GAN, Benjamin Kok Siew; WOODARD, Jason; CHAY, Yue Wah. (2014.0). *Proceedings of the IADIS International Conference Applied Computing: Porto, Portual, 25-27 October 2014,* (pp. 127-134) Porto: IADIS. (Published)

Evolving an Information Systems Capstone Course to Align With the Fast Changing Singapore Marketplace, by BOESCH, Chris; GAN, Benjamin Kok Siew. (2014.0). *Capstone Design Conference 2014 Proceedings: 2-4 June, Columbus,* (pp. 1-4) Columbus, OH: Capstone Design Conference. http://www.capstoneconf.org/resources/2014%20Proceedings/Papers/0065.pdf (Published)

Getting to Global Yes! Designing a Distributed Student Collaboration, by MANSAR, Selma Limam; WEINBERG, Randy; GAN, Benjamin Kok Siew. (2011.0). *ICEIS 2011: Proceedings of the 13th International Conference on Enterprise Information Systems: Beijing, China, June 8-11, 2011,* (pp. 229-234) Portugal: SciTePress. http://dx.doi.org/10.5220/0003490702290234 (Published)

Global Project Management: Pedagogy for Distributed Teams, by GAN, Benjamin Kok Siew; WEINBERG, Randy; MANSAR, Selma Limam. (2010.0). *Global Learn Asia Pacific 2010: May 17-20, 2010, Penang, Malaysia: Proceedings,* (pp. 1408-1417) Chesapeake, VA: AACE. http://www.editlib.org/p/34357 (Published)

Teaching "Global Project Management" with Distributed Team Projects, by WEINBERG, Randy; GAN, Benjamin. (2007.0). *ED-MEDIA 2007: World Conference on Educational Multimedia, Hypermedia & Telecommunications: June 25 - June 29, 2007, Vancouver, BC, Canada: Proceedings,* (pp. 1954-1959) Chesapeake, VA: AACE. http://www.editlib.org/p/25637 (Published)

Conference Papers

How to and how much? Teaching ethics in an interaction design course, by WADHWA, Bimlesh; LIEH, Ouh Eng; GAN, Benjamin Kok Siew. (2020.0). *2nd Annual Symposium on HCI Education A (Virtual) CHI 2020 Symposium, Honolulu, USA, 2020 April 25–30,* Hawaii, USA. (Published)

EzLog: Data visualization for logistics, by GUNAWAN, Aldy; GAN Benjamin; TAN, Jin An; VILLANUEVA, Sheena L.S.L; WEN, Timothy K.J.. (2019.0). *International Congress on Logistics and SCM Systems 14th ICLC 2019, Taipei, Taiwan, August 19-22,* Taipei, Taiwan. (Published)

Incorporating microblogging ("Tweeting") in higher education: Lessons learnt in a knowledge management course, by MENKHOFF, Thomas; CHAY, Yue Wah; BENGTSSON, Magnus Lars; WOODARD, Jason; GAN, Benjamin Kok Siew. (2014.0). *International Conference on Social Nets and New Media for Learning, Business, Collaboration, Innovation and Sustainable Development, 27-28 August 2014,* Nice, France. (Presented)

Modeling Object Interactions as First Class Citizens, by DODANI, Mahesh; GAN, Benjamin Kok Siew; Velazquez, Lizette; YANG, Xiaohong. (1995.0). *Object-Oriented Programming, Systems, Languages and Applications Conference,* Portland, Oregon. (Published)

Object Interactions as First Class Objects: From Design to Implementation, by DODANI, Mahesh; GAN, Benjamin Kok Siew; Velazquez, Lizette. (1995.0). *Midwest Society for Programming Languages and Systems,* Purdue University. (Published)

A Semantic Framework for Understanding the Behavior of Modules and Classes in Programming

Languages, by DODANI, Mahesh; GAN, Benjamin Kok Siew. (1994.0). *Joint Modular Languages Conference,* University of Ulm, Germany. (Published)

Edited Conference Proceedings

SEED 2021
4th Software Engineering Education Workshop

QuASoQ 2021
9th International Workshop on Quantitative Approaches to Software Quality, edited by Benjamin Gan; Eng Lieh Ouh; Bimlesh Wadhwa; Shailey Chawla; Horst Lichter; Selin Aydin; Thanwadee Sunetnanta and Toni Anwar. (31/12/2021). Taipei : CEUR Workshop Proceedings. (Published)

SEED 2021 4th Software Engineering Education Workshop and QuASoQ 2021 9th International Workshop on Quantitative Approaches to Software Quality: Joint Proceedings of SEED & QuASoQ, Taipei [Virtual], December 6, edited by GAN, Benjamin; OUH, Eng Lieh; WADHWA, Bimlesh; CHAWLA, Shailey; LICHTER, Horst; AYDIN, Selin; SUNETNANTA, Thanwadee; ANWAR, Toni. (16/12/2021). Aachen University: CEUR Workshop Proceedings. http://ceur-ws.org/Vol-3062/ (Published)

Newspaper Articles

Enabling Singapore's youths to adapt in an era of climate change, by MENKHOFF, Thomas; CHONG, Mark; GAN, Benjamin Kok Siew. (2021, February 25). *Business Times (Singapore)* ,21-21. https://www.smu.edu.sg/sites/default/files/smu/news_room/smu_in_the_news/2021/Feb2021/Feb25/202 10225-BT-Opinion-21-18x38-D.pdf (Published)

Theses and Dissertations

Compositions: A construct to specify object interactions in object-oriented programming languages (Doctoral dissertation), by GAN, Kok Siew Benjamin. (1995). Iowa: University of Iowa. (Published)

Other Outputs and Contributions

Posters

Lessons learnt from IT tools designed for a Capstone course, by GAN, Benjamin Kok Siew. (02 Dec 2019). *27th International Conference on Computers in Education,* http://ilt.nutn.edu.tw/icce2019/dw/ICCE%202019_Accepted_Papers.pdf (Presented)

Others

Creating exceptional capstone learning experiences, by SAXTON, Matthew L.; KO, Andrew J.; GAN, Benjamin STURMAN, Richard; WALTERS, Julie, WASSER, Andy. (2018). In (1-3). https://ischools.org/the-iconference/about-the-iconference/iconference-2018-summary/ (Presented)

Research Grants

Singapore Management University

DHL-SMU Analytics Lab, DHL , PI (Project Level): Benjamin GAN, 2018, S$600,000

Integrated Collaboration Environment (ICE) for Search, Explorer Grant, Singapore-MIT Alliance for Research and Technology (SMART) , Co-PI (Project Level): Benjamin GAN, S$50,000

Examining the Role of Participatory Climate Action as Effective Pedagogic Pathway towards Climate Mitigation and Adaptation Efforts, SMU Internal Grant, Ministry of Education (MOE) Tier 1 , PI (Project Level): Thomas MENKHOFF , Co-PI (Project Level): Benjamin GAN, 2021, S$71,915.01

Vehicle Routing Problem with a Reverse Cross-Dock, SMU Internal Grant, Ministry of Education (MOE) Tier 1 , PI (Project Level): Aldy GUNAWAN, 2019, S$86,000

A Journey into the IT Jungle - 2nd edition, SMU Internal Grant, Ministry of Education (MOE) Tier 1 , PI (Project Level): Benjamin GAN , Co-PI (Project Level): LEE Yeow Leong, 2008, S$37,800.33

Explore pedagogy approaches in writing a book on Technology for Information Systems, SMU Internal Grant, Ministry of Education (MOE) Tier 1 , PI (Project Level): Benjamin GAN , Co-PI (Project Level): LEE Yeow Leong, 2006, S$46,167.77

Asia E-Business Case Book, SMU Internal Grant, Ministry of Education (MOE) Tier 1 , PI (Project Level): Benjamin GAN, 2005, S$40,853.31

Other Institutions

NEC Solutions Lab in SIS, SMU, NEC Solutions Lab in SIS, SMU, NEC Asia Pacific Pte. Ltd. PI (Project Level): Benjamin GAN, 2016, SGD166,000

TEACHING

Teaching Areas

CS206: Software Product Management
IS306: Interaction Design & Prototyping
IS404/IS405: Technopreneurship Study Mission
Past:
IS111: Introduction to Programming
IS200: IS Software Foundation (Intro to Java)
IS201: Object Oriented Analysis & Design (Java)
IS305: Enterprise Web Solutions (SharePoint)
IS411: Global Software Project Management
IS480: IS Application Project
MITB E1 Capstone Project

Courses Taught

Singapore Management University

Undergraduate Programmes :

Interaction Design and Prototyping

Introduction to Programming

Overseas Project Experience (IS Technopreneurship)

Software Product Management

Technology Entrepreneurship Study Mission (Asia)

Technology Entrepreneurship Study Mission (Non-Asia)

Executive Development :

> Program on Case Method and Participant-Centered Learning, Harvard Business School, 07 Jan 2006-07 Dec 2006

Teaching Publications

Cases

Singapore's e-Payment venture into Asia: eNETS. In Lee, Jae Kyu; Gan, Benjamin; Sethi, Vijay (Eds.) Premier e-Business cases from Asia, Chapter 15. Singapore: Pearson Prentice Hall., by GAN, Benjamin Kok Siew. (2007). http://worldcat.org/isbn/9789810676902 (Published)

THESES AND DISSERTATIONS

Theses and Dissertations Assessed

Other Institutions

Committee Member, "Study On Health Status Characterization Index and Enterprise Group Health Management Method", Dissertation by DONG Ming, Doctor of Business Administration , SMU, 2024

Committee Member, "Innovation Culture Assessment: An exploratory Diagnosis of a Taiwanese Manufacturing Company", Dissertation by Tay Yong Keong, Doctor of Business Administration , SMU, 2022

UNIVERSITY SERVICE

Singapore Management University

Deputy Chair, Library Advisory Committee, May 2020 - Present

Committee Member, The University Tribunal, Jul 2017 - Present

Committee Member, SMU-X, Jan 2014 - Jan 2016

Committee Chair, Faculty Reading & School Evaluation Committee REC & SEC, Feb 2011 - Present

University Senate Service, Faculty Senate, Jan 2011 - Jul 2014

University Senate Service, Faculty Senate, Jan 2009 - Jul 2010

SIS representative, IT Steering Committee, Jan 2008

Faculty Mentor, SIS Peer Mentor, Tutor and Study Center, Aug 2006 - Sep 2009

Faculty Advisor, Innovate IT, Jan 2006 - Jan 2014

EXTERNAL SERVICE – PROFESSIONAL

Program Committee, Research Papers, International Computing Education Research ICER, 2024

Reviewer Conference Paper, Research Papers, ACM CHI, 2024

Workshop Organizer, Software Engineering Education Workshop , Asia Pacific Software Engineering Conference APSEC, 2020 - 2024

Judge, IDA & SG50, Infocomm Development Authority of Singapore, 2014

Panel member, New Paradigms in IT PedagogyThe Globalization of IT Work, ACM SIG-MIS Computers and People Research, 2014

Program Committee, Carnegie Mellon University, Undergraduate Conference in Information Systems UCIS, 2014 - 2016

Member of Review Panel, School of DMITDiploma in IT Courses, Singapore Polytechnic, 2013

Faculty Mentor, SMART (Singapore MIT Alliance for Research and Technology) Explorer grant for project ICE for Search (Baboonza, LoveByte), Singapore Management University, 2010 - 2011

Chairperson, CodeXtreme, IT Standards Committee, 2007 - 2019

Faculty representative, Student Chapter, Singapore Computer Society, 2006 - 2009

Judge, National Software Competition, Algorithm Contest, Singapore Polytechnic, 2006 - 2011

EXTERNAL SERVICE – PUBLIC SECTOR AND COMMUNITY SERVICE

Judge, President's Technology Award, Agency for Science, Technology and Research, 2019

Member, Thought Leadership Committee, Singapore Computer Society, 2012 - 2014

Member, Council - since 04/2011 Special Working Group on Tech Scan & TC Review - since 07/2014 Special Working Group on Standards Education - since 10/2014, Information Technology Standards Committee, 2011 - Present

Director of Advisory Board, Executive Board, Singapore Testing Qualification Board, 2009 - 2012

Chairperson, CodeXtreme, IT Standards Committee, 2007 - 2019

Committee Member, National Information Competition, IDA, 2007 - 2011