KOH, Andrew

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Education

PhD, University of Nottingham, Great Britain, 2008

Bachelor of Engineering, University of Leeds, Great Britain, 2004

Academic Appointments

Senior Lecturer of Computer Science, Jul 2022 - Present

Academic Administrative Positions

Senior Analytics Practicum Manager, School of Information Systems, Singapore Management University, Singapore, Aug 2015 - Dec 2019

Other Positions and Affiliations

Assistant Director, ACE Group, Ministry of Manpower, Singapore, Oct 2021 - Apr 2022

Trainee and Intern, Covenant Evangelical Free Church, Singapore, Jan 2020 - Sep 2021

Data & Analytics Partner Seller, Microsoft Singapore, Singapore, Jun 2013 - Jun 2015

Business Intelligence Consultant, Pleodata Pte Ltd, Singapore, Nov 2012 - Jun 2015

Social Entrepreneur, Serve Kampong-Cambodia, Cambodia, May 2011 - Sep 2012

Programme Development Manager, World Toilet Organization, Cambodia, Mar 2010 - Apr 2011

RESEARCH

Publications

Journal Articles [Refereed]

Text analytics approach to examining corporate social responsibility, by AZHAR, Nurul Asyikeen; PAN, Gary; SEOW, Poh Sun; KOH, Andrew; TAY, Wan Ying. (2019). *Asian Journal of Accounting and Governance, 11* 85-96. (Published)

Image segmentation using multi-coloured active illumination, by KOH, Tze Ki; MILES, Nicholas, MORGAN,

Steven; HAYES-GILL, Barrie. (2007). *Journal of Multimedia, 2* (6), 1-6. https://doi.org/10.4304/jmm.2.6.1-6 (Published)

Conference Proceedings

Detecting and segmenting un-occluded items by actively casting shadows, by KOH, Tze Ki; AGRAWAL, Amit; RASKAR, Ramesh; MORGAN, Steve; MILES, Nicholas; HAYES-GILL, Barrie. (2007.0). *Proceedings of the 8th Asian Conference on Computer Vision, Tokyo, Japan, 2007 November 18 - 22,* (pp. 945-955) Tokyo, Japan: Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-540-76386-4_90 (Published)

Segmentation of overlapping particles in automatic size analysis using multi-flash imaging, by KOH, Tze Ki; MILES, Nicholas; MORGAN, Steve; HAYES-GILL, Barrie. (2007.0). *Proceedings of the 2007 IEEE Workshop on Applications of Computer Vision, Austin, Texas, United States, February 21 - 22,* (pp. 47-) Austin, TX, USA: IEEE. https://doi.org/10.1109/WACV.2007.37 (Published)

Magazine Articles

The technology tide: Has IT hit the shores of social innovation? , by KOH, Tze Ki. (2018, April). *Social Space,* 58-60.
https://socialspacemag.org/wp-content/uploads/2018/07/SocialSpaceJul2018_Final_singlepage.pdf (Published)

TEACHING

Courses Taught

Singapore Management University

Undergraduate Programmes :

   AI and Humanity

Postgraduate Professional Programmes :

   Digital Technologies and Sustainability

   Internship

   Project

Executive Development :

   Introduction to Data Analytics & Power BI, Health Promotion Board, 16 Aug 2017-22 Sep 2017

Invited Seminars, Talks and Lectures

Reaching the heart of migrant workers in Singapore, 06 Sep 2022. Huawei Tech4City Community Event

Enabling A Sustainable Dormitory Experience Through Design, 20 Jul 2022. Design Thinking Study by Dormitory Association Singapore Limited

Leveraging Technology for Good, 16 Mar 2018. Launch of the International Development & Communication Action Group

UNIVERSITY SERVICE

Singapore Management University

Committee Member, Admissions Committee, Jul 2022 - Present

EXTERNAL SERVICE PROFESSIONAL

Committee Member, Business Analytics Chapter, Singapore Computer Society , 2018 - 2019