

Curriculum Vitae



Jennifer Huang

Director

Educational Media and Resources, Learning Services

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Education Qualifications

2002	Master of Technology in Software Engineering, NUS
1991	Bachelor Degree in Electrical and Electronic Engineering (2 nd Class upper honour), NUS
1997	Graduate Diploma in Business Administration, SIM
1997	Teaching in Higher Education Certificate, SEDA, UK

Academic and Professional Experience

2022 – Present	Director, Educational Media and Resources, SUSS
2020 – 2021	Head, BSc Business Analytics (Online) & BSc Logistics and Supply Chain Management (Online), Online Learning, Learning Services, SUSS
2020	Project Lead, Recognition of Prior Learning, SUSS
2016 – 2019	Project Lead, Earn and Learn Programme (ELP), Centre for Continuing & Professional Education, SUSS
2010 – 2021	Head, Minor in Military Studies, School of Science & Technology, SUSS
2010 – Present	Senior Lecturer, Singapore University of Social Sciences (SUSS)
2010 – 2016	Capstone Chair, School of Science & Technology, SUSS
2008 – 2010	Lecturer, SIM University (UniSIM)
2001 – 2007	Senior Consultant, Institute of Systems Science, NUS
1996 – 2001	Lecturer, Temasek Polytechnic
1991 – 1996	Senior Software Engineer, Fujitsu (S) Private Ltd

Memberships and Professional Activities

2011 – 2015	President, Mobile and Wireless Chapter, Singapore Computer Society
2006 – 2011	Vice-President, Wireless Chapter, Singapore Computer Society
2017, 2020 – 2022	Secretary, Internet of Things Chapter, Singapore Computer Society
2018, 2023	Treasurer, Internet of Things Chapter, Singapore Computer Society
2016	Treasurer, Mobile and Wireless Chapter Singapore Computer Society
2013	Committee Member of Inaugural IES World Engineer Summit (WES)
2012 - 2023	Expert of the IT Software Solutions for Business Technical Working Group of WorldSkills Singapore Competition (WSS)
2014	Member of Singapore Infocomm Technology Federation
2010 – Present	Fellow Member of Singapore Computer Society
2008 – 2011	Member of Association for Information Systems

Consultancy and Executive Experience

2022	Chair, SUSS Founding President Professor Cheong's Thank-You Tribute Dinner 2022
2019 – 2020	Project Lead, SSG Proof-of-Concept of Recognition of Prior Learning (RPL) in Singapore
2019	Chair, RPL Learning Journey for SUSS Senior Management to Europe
2012 – 2023	Technical Working Group Member of WorldSkills Competition Singapore Category: Information Technology Software Solutions for Business
2013	Organising member, Inaugural IES World Engineers Summit (WES) Singapore
2007 – 2015	Expert Panel with IDA, National Infocomm Competency Framework (NICF)
2009 – 2013	Judge, NUS Start-Up@Singapore
2002 – 2003	Judge, Java Jam 2002 & 2003
2005 – 2006	Vice-Chair, Splash Awards Wireless Jam 2005 under SCS Wireless Special Interest Group
2003 – 2004	Consultant, NICC Wireless Certification Development Committee for Wireless Certification Body of Knowledge

Research Interests

- Content Production Productivity using GenAI-related tools
- ChaptGPT-enabled Virtual Assistant for Learning
- Educational Technology
- Recognition of Prior Learning at Workplace
- Productivity Improvement through Technology Implementation
- Software Development Methodology

Selected Publications and Applied Projects

- 2009, International Conference on ICT in Teaching & Learning, Blended teaching and learning in the School of Science and Technology of UniSIM (co-author)
- 2020, Funded Project by SSG, "Proof-of-Concept (POC) on Recognition of Prior Learning (RPL)" Report
- 2023, Oral Presentation "SUSS's journey: Mining Digital Footprints" at eLearning Forum Asia 2023
- 2023, Learning Analytics – Real-time Instructor facing Student Learning Engagement Dashboard
- 2024, Web-enabled AI-assisted Tutor

Honours & Awards

2021	Conferred the National Day Award, The Commendation Medal, for contributions to Education
2012	Conferred the National Day Award, The Public Service Medal, for community service contributions
2022	Long Service Award –15 years of Dedicated Voluntary Service to the Community Service
2016	Long Service Award –10 years of Dedicated Voluntary Service to the Community Service
2011	Long Service Award – 5 years of Dedicated Voluntary Service to the Community Service
2012 – 2023	Service Awards – IT Software Solutions for Business from WorldSkills Competition (Singapore)
2015	Service Award – Singapore Computer Society (President of Mobile & Wireless Chapter)
2023	SUSS Staff Service Award – 15 years long service award
2018	SUSS Staff Service Award – 10 years long service award
2013	SUSS Staff Service Award – 5 years long service award
1999	Staff Incentive Award for using IT in teaching and learning - IT-based course materials on Programming Fundamentals – Online Tutorial (e-learning)

Social Involvement

2020 – Present	Chairperson, West View Primary School Advisory Committee (SAC)
2014 – 2020	Vice-Chairperson, West View Primary School Advisory Committee (SAC)

2008 – 2015 Chairperson of Woman Executive Committee, Senja-Cashew Constituency
2009 – 2015 Treasurer and member of CCMC, Senja-Cashew Constituency
2009 – 2023 Member of Cashew Citizens' Consultative Committee
2008 – 2012 Town Councillor – Publicity committee member
2011 – 2017 Member of Women's Integration Network Council (WIN)
2012 – 2015 Member of Building Fund Committee of Senja-Cashew Community Club
2012 – 2014 New Media Champion, Senja-Cashew Constituency