

Contact

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Top Skills

Agentic AI

Machine Translation

Technical Assistance

Languages

Chinese (Simplified)

English

Indonesian (Elementary)

Certifications

Leadership Blind Spots

How to Develop your Career Plan

Leading with Emotional Intelligence

Cloud Architecture: Core Concepts

Meta-analysis for Data Science and Business Analytics

Honors-Awards

IEEE ITEC Student Travel Scholarship 2018

Industrial Postgraduate Programme Funding 2015

IEEE PES Student Travel Grant Award 2015

IEEE PES Conference Support Grant 2015

Best Dissertation Prize

Publications

Multi-GRU Prediction System for Electricity Generation's Planning and Operation

Implementation of demand side management of a smart home using multi-agent system

Dr. Sam Li Weixian

Global AI Leader | Chief Data Officer | Chief Technology Officer
| Board Advisor | Non-Executive Director| Mentor | Academic
Supervisor | Entrepreneur

Singapore

Summary

Dr. Sam Li Weixian is a visionary AI Leader renowned for his innovative leadership in applying artificial intelligence (AI) to transform industries such as finance, consumer goods, energy management, localization and Industry 4.0. With a career marked by creativity, passion, and self-motivation, he has spearheaded data science teams to develop groundbreaking AI solutions that have positively impacted millions of customers globally.

Award-winning researcher and inventor, Dr. Li's work in AI has earned accolades from international conferences, academic societies, and industry leaders. His contributions include multiple US patents and peer-reviewed papers that have advanced technologies in multi-agent systems, energy systems, automation, and consumer applications. Notably, his PhD research at Newcastle University was recognized with the prestigious honor of serving as Student Orator during its 2019 congregation ceremony, reflecting his academic excellence and communication prowess.

Beyond technical innovation, Dr. Li is a collaborative leader and mentor. He represented Newcastle University on the British Chambers of Commerce (Singapore) Energy & Utilities committee and received Hewlett-Packard Enterprise's Asia Pacific HPE Recognition Award for driving impactful AI solutions. His postdoctoral work was further celebrated through the German Academic Exchange Service Postdoctoral Researchers' Networking Tour Award.

Committed to community and education, Dr. Li volunteers as a career mentor for students and young professionals, guiding them through the complexities of AI and technology. He also shares his discipline and leadership skills as an aikido instructor at Singaporean community centers and academic institutions.

Smart Grid Distribution Management System (SGDMS) for Optimised Electricity Bills

Proposed Optimised Smart Grid System using Multi-Agent System

Power Alert System using K-Means for Smart Home

Driven by a relentless pursuit of excellence, Dr. Li thrives on new challenges and welcomes opportunities to collaborate on transformative projects that harness AI for global good.

Please reach out to explore partnerships, mentorship, or cutting-edge AI initiatives.

Experience

Autodesk

Principal Localization AI Strategist (Global)

April 2025 - Present (3 months)

Singapore

DigitAILe

Business Consultant

January 2025 - Present (6 months)

Singapore

DigitAILe is a company dedicated to Powering Digital Futures.

We solve complex challenges to unlock new opportunities for your business.

Strategy & Innovation:

We tailor AI and digital strategies to your business goals, leveraging cutting-edge technology for innovation and sustainable growth. Collaborating closely, we ideate, prototype, and implement transformative solutions for your business.

Corporate Governance:

Backed by NED Certification, we provide tailored Corporate Governance solutions that strengthen your framework, enhancing transparency, accountability, and compliance.

Consulting:

Leveraging our deep industry expertise, we offer strategic advice and actionable insights to maximize your investment value and build a competitive advantage.

Please do reach out or contact us through our website <https://digitaille.com/>.

Pangea.ai
Fractional CTO
May 2025 - Present (2 months)

Benjamin & Joseph
Technology Advisor
November 2024 - Present (8 months)
Singapore

Benjamin & Joseph is an innovator in the healthcare sector, leveraging AI through their Sherlock™ platform to audit medical bills and ensure accuracy, significantly reducing costs for both providers and payers. Their expertise in applying AI for intelligent automation in medical billing makes them a key player in addressing global healthcare challenges related to billing errors.

We are always looking for potential collaborations that can elevate Benjamin & Joseph's mission, whether through optimizing clinical insights, enhancing consumer trust, or streamlining regulatory processes. Please do reach out to discuss synergies and innovation pathways.

Singapore University of Social Sciences (SUSS)
Associate Lecturer
March 2024 - Present (1 year 4 months)
Singapore

Teaching Analytics Module.

World Spirit of the Game Foundation (SotG Global)
Chief AI Officer
February 2025 - Present (5 months)

The World Spirit of the Game (SOTG) Foundation, a US-registered NGO with approximately 1200 members globally, is dedicated to Personal Impact. I am the SOTG Foundation's Chief AI Officer and lead our AI Academy, Empowering Personal Impact Through AI.

We are currently seeking volunteers and potential collaborators globally for our established AI workshops:

AI Academy: <https://jtconsultllc.com/ai-academy>
AI for Impact: <https://jtconsultllc.com/ai-for-impact>

Please reach out if you are interested in contributing to our mission through volunteering or exploring collaboration opportunities.

Paramount Students

Non Executive Director

February 2025 - Present (5 months)

X Talents

Co-Founder & Advisory Board Member

July 2022 - Present (3 years)

Singapore

- Provide and oversee business strategy for the organisation
- Monitor the management performances
- Support with opportunities, risks and value add contacts

KUPU ID

1 year 1 month

Chief Technology Officer

July 2023 - January 2024 (7 months)

Indonesia, China

- Developed and implemented innovative strategies for the US\$MM organization.
- Directed the activities of four functional teams, comprising more than 50 team members.
- Successfully introduced pioneering products that catered to the needs of over 3 million customers.

Chief Data Officer

January 2023 - July 2023 (7 months)

Indonesia, China

Sinar Mas

Chief Data Officer

January 2023 - January 2024 (1 year 1 month)

Indonesia, China

Advice on innovative data-driven initiatives aligning with business objectives.

Singapore Armed Forces (SAF)

11 years 8 months

Supply Supervisor (NSMen)

June 2013 - January 2023 (9 years 8 months)

Supply Supervisor

June 2011 - June 2013 (2 years 1 month)

Singapore

- Battery Quarter Master Sergeant: Managed the supply chain team in daily operations for more than 100 personals
- Led the supply chain team in SAF day, oversea operations, and national day parade
- Planned and coordinated public events to promote Singapore Armed Forces
- Conducted supply chain seminars for new army personnel

Dell Technologies

3 years 1 month

Global Product Business Leader (AI & Data Science)

May 2021 - November 2022 (1 year 7 months)

Singapore

- Engaged in product innovation strategies and opportunities to achieve approximately USD\$BB revenue target as part of the global management team
- Business leader for global AI product group with R&D budgets of over USD \$MM
- Successful launches of products for millions of customers

Head of Artificial Intelligence

November 2019 - November 2022 (3 years 1 month)

Singapore

Experience Innovation Group- Global CTO Office

- AI Technical Lead: Led AI projects with product teams
- Assessed ongoing key AI projects as part of the Global Technology management team
- Evaluates potential business partners to deliver key AI products
- Authored multiple commercial patents for over 10+ AI solutions

Research and Development in AI:

- Natural Language Processing (NLP)
- Computer Vision
- Deep Learning
- AR/VR
- Knowledge Base
- Statistics

Projects: Recommender Systems, Emerging Technologies Forecast, Search Engine, Knowledge Base, Social Media Analysis, Meeting Contents Analysis,

Contextual Privacy, Video Analytics, Health Analytics, E-Commerce Analysis, GPT.

Hewlett Packard Enterprise

Data Science Manager

October 2018 - November 2019 (1 year 2 months)

Singapore

Asia-Pacific Region (APAC)- IoT Innovation Center

- Team Lead for Asia Pacific Data Science R&D Lab: Supervised a team of 8 data scientists
- Technical Lead: Spearheaded for 13 Global Research and Industrial AI projects
- Presented for the Asia Pacific board meeting as an Honorary invitee
- Formulated corporate strategies and analyzed opportunities as part of the R&D Lab management team
- Received HPE Recognition Award for outstanding achievements

- Technical industry projects Lead/Member:

- Financial Institute (Sales and Marketing)
- Anti-Fraud Detection
- Image Processing
- Driver Telematic
- Supply Chain
- Sentiment Analysis
- Social Media
- Transport

- Technical Lead for Research and Development in Artificial Intelligence (AI) Solutions

- Federated Learning
- Deep Learning (e.g. Reinforcement Learning, Transfer Learning, Online Learning)
- Image and Video Processing
- Natural Language Processing (NLP)
- Customer Relationship Management (CRM)

Newcastle University

PhD Student Researcher

September 2015 - October 2019 (4 years 2 months)

Smart Grid (Internet of Things (IoT) based Energy Management System for Smart Homes)

- Artificial Intelligence (AI)
- Machine Learning
- Multi-Agent System
- Internet Of Things
- Data Analytics / Data Science
- Energy Management System
- Blockchain
- Statistic
- Quantitative Finance

Publications

- 6 International Journal (3 IEEE IF:7.596),
- 7 IEEE Conference
- 4 Poster and 1 Invited Seminar Presentation

Awards

- Student Travel Scholarship from IEEE Transportation Electrification Conference and Expo 2018
- Industrial Postgraduate Programme Funding 2015
- IEEE PES Student Travel Grant Award 2015
- IEEE PES Conference Support Grant 2015
- Postdoctoral Researchers' Networking Tour (Postdoc-NeT 2019)

A*STAR - Agency for Science, Technology and Research

Data Science Consultant

October 2015 - October 2018 (3 years 1 month)

Singapore

Singapore Institute of Manufacturing (SIMTech):

- Technical Lead and Covering Project Lead: Spearheaded for 15 Research and Industrial projects near SGD 1.2 million
- Advised technical solutions through industry engagement across various industries including Fortune 500 companies such as Procter & Gamble, Johnson & Johnson, and Becton, Dickinson and Company
- Conducted lectures for industries through Workforce Singapore
- Contributed to corporate strategies as an energy subject matter expert

ARIS Resources

Technical Support Executive

July 2011 - September 2015 (4 years 3 months)

Singapore

- Provide IT support and inspect items

Manufacturing Integration Technology Ltd

Assistant Engineer

April 2011 - May 2011 (2 months)

Singapore

Manufacturing Integration Technology Ltd

Intern

March 2010 - May 2010 (3 months)

Singapore

Assisted the senior engineer of the R&D department with process design and development

- Assisted in troubleshooting circuits, writing a software and drawing circuits by using EPLAN

Education

Imperial College London

Master of Business Administration - MBA, Global MBA · (2021 - 2023)

Newcastle University

Doctor of Philosophy (Ph.D.), Artificial Intelligence · (2015 - 2019)

Newcastle University

Bachelor's Degree, Electrical Power Engineering · (2013 - 2015)

Singapore Institute of Technology

Bachelor's Degree, Electrical and Electronics Engineering · (2013 - 2015)

FT Board Director Programme

FT Non-Executive Director Diploma Asia - Pearson SRF BTEC Level 7

Advanced Professional Diploma · (March 2024 - November 2024)