# Silicon Valley AI Executive Program

Five-Week Series Courses & Certificate: An International High-End Training Program for Corporate Management/Board Members

**Five-Week Systematized Curriculum**

**Authoritative Completion Certificate**

**Exclusive Executive Community**

### Stanford University
Renowned AI Expert Professors from the United States delivering in-depth instruction

### University of Cambridge
Renowned AI Expert Professors from the United Kingdom delivering in-depth instruction

### Silicon Valley Elites, USA
Elite Team in AI Research and Applications

**Stanford + Cambridge Academic Authority + Silicon Valley Industry Practice: Building Enterprise-Grade AI Strategy and Implementation Capabilities**

# PURPOSE

- Against the backdrop of the rapid development of global artificial intelligence technology and the deepening of digital transformation, this "AI Training and Certification Course (Online via Zoom)" is built upon core AI technologies, an international perspective, and a high-quality online learning platform to create a professional learning and exchange platform for the future.
- This training program focuses on key areas such as Artificial Intelligence (AI), Machine Learning (ML), Deep Learning (DL), Large Language Models (LLM), Data Analysis, and Digital Applications.
- Through live online lectures via Zoom, case studies, interactive workshops, and practical training, it helps participants systematically master core AI principles and practical application abilities, understand global trends in technological innovation, and enhance their professional competitiveness and strategic thinking in the digital age.
- Upon course completion, participants will receive the "AI Training Certificate" to certify their completion of relevant AI professional training and learning tasks.
- This is a journey of learning intelligent technology for the future and a high-quality international online learning platform, empowering participants to achieve knowledge upgrading, capability enhancement, and career development in the era of globalization and intelligence.
- The program will be held once every Tuesday evening from August 1, 2026, to August 29, 2026. The final week will be dedicated to participants' Capstone Project presentations and summaries. The Capstone Project is optional.

# Program Overview | Building AI Decision-Making and Implementation Capabilities for Executives

## Six Core Selling Points

- Strategic Perspective
- Academic Endorsement
- Cutting-Edge Tech
- Results-Oriented
- Global Network
- Industry Frontline

### Core Value

**Strategic Insight:**Gain insight into the AI landscape and industry trends, and build a corporate-level AI strategy and roadmap tailored to business development.

**Technical Judgment:**Master the key

### Certificate Value

Upon completing the five-week course and the Capstone Project, participants will be awarded a program completion certificate. More importantly, you will develop an actionable enterprise AI solution that

**5 Weeks**
Systematized Curriculum

**12+**
Top Industry Experts

**100%**
Practical Case Studies

# Stanford University Professors & Experts (Group 1)

Top Academic Authorities & Industry Practice Elites

**3** Top Professor

**50+** Years of Teaching Experience

**100+** Research Papers

## Dr. Barry Katz

Professor of Consulting

Stanford University

- Professor at Stanford University School of Design, Chief Researcher at IDEO
- Author of 7 books, including Change by Design
- Leading authority in business design thinking in the U.S.; Ph.D., University of California

Design Thinking | Innovation Strategy | AI Strategy

## Dr. Edison Tse

Tenured Professor

Stanford University

- Ph.D. in Electrical Engineering and Computer Science (EECS), MIT. Director of the Stanford University Asia Management Science and Engineering Center
- Recipient of the Donald Eckman Award for Outstanding Contributions to Automatic Control
- Renowned expertise in control systems, management science, and innovation strategy

Automatic Control | Management Science | Innovation Strategy

## Dr. Scott L. Delp

Endowed Professor

Stanford University School of Engineering

- Professor of Bioengineering and Mechanical Engineering, Stanford University School of Engineering
- JJames H. Clark Professor, Expert in Intelligent Systems
- Focuses on AI applications and future trends research

Bioengineering | Mechanical Engineering | Intelligent Systems

# Stanford University Professors and Experts (Group 2)

Experts in AI Empowerment for Life Sciences and FinTech

**2** Researchers | **30+** Teaching Terms | **80+** Papers



## Dr. Brian Ring

Senior Researcher

Stanford

- Senior Researcher at Stanford University, USA
- PhD in Molecular Biology & Genetics (Cornell University)
- Exploring the intersection of Genomics and AI

Life Sciences | Genomics | AI Health



## Peter Lou CFA

Adjunct Professor

Stanford and CSTU

- Chairman & CEO, US Silicon Valley Academy of AI
- Wall Street Expert in AI, FinTech & Quantitative Finance
- Distinguished Teaching Award (UCLA / UC Berkeley)

FinTech | Quant Finance | AI Finance

# Top Professors & Experts from University of Cambridge

Leading AI Scholars & Specialists, University of Cambridge, UK

**3** Distinguished Professors

**15+** Years of Teaching Experience

**50+** Published Research Papers

## Dr. Ioannis Brilakis

Endowed Professor

University of Cambridge

- **Endowed Professor, University of Cambridge | Laing O'Rourke Professor of Digital Engineering**
- Research Focus: Digital Engineering and AI Applications
- **Renowned in Intelligent Systems and Engineering**

Digital Engineering | AI Applications | Intelligent Systems

## Dr. Scarlet S-Grosche

Director, Microsoft Research Cambridge

University of Cambridge

- Joint Appointment at University of Cambridge Business School & Computer Science Department
- Strong academic foundation, broad industry-research perspective
- Leading academic ecosystem construction for Microsoft's "Cloud Optics" forward-looking project

Joint Appointment | Microsoft "Cloud Optics" | Highly Interdisciplinary

## Dr. Yuri Jiang

Co-Director, AI Research Center, University of Cambridge

University of Cambridge

- PhD in AI, University of Oxford | Co-Director, AI Research Center, University of Cambridge
- AI Expert Consultant, United Nations, 2021-2024
- Focus on: Data Scence Strategy, AI Algorithms, Data Modeling, Python Programming

NLP | Data Governance | AI Algorithms

# Silicon Valley Leaders in AI Research & Application

Industry Practitioners & Frontline Tech Leaders

| 3 | 20+ | 100+ |
|---|---|---|
| Industry Experts | Years of Professional Experience | Completed Tech Projects |

## Dr. Zong Ling

Senior Research Scientist, IBM Almaden | IBM

IBM

- Over 20 years of research experience; Senior Research Scientist at IBM Almaden Research Center
- Specialist in AI, Cloud Computing, Blockchain & Big Data Storage
- R&D & engineering practice of digital technologies in Silicon Valley

AI | Cloud Computing | Blockchain

## Dr. Song Han

PhD in Computer Science, University of Southern California | USC

USC , CSTU

- Department of Computer Science, USC; Institute for Robotics & Intelligent Systems, USC
- Tsinghua Intelligent Image Lab & CAS Institute of Pattern Recognition
- Focus on OpenClaw, AI Agent & Hermes projects

OpenClaw | AI Agent | Hermes

## Dr. Changzheng Peng

Research Fellow, Stanford University | Stanford

Stanford

- Stanford Research Fellow, AI Security Expert
- Expert in Global Education Strategy & Cross-Cultural Leadership
- Specializes in AI Security, Algorithm Governance & Risk Control

AI Security | Education Strategy | Cross-Culture

# Speakers of Future Development Forum on Artificial Intelligence

Harvard University,
USA | MBA

Steve Roth | Honorary Chairman of the Board, Silicon Valley Institute of Artificial Intelligence
As a seasoned investor focusing on VC (Venture Capital) and PE (Private Equity), he holds an MBA from Harvard University.
He has long served as General Partner at multiple VC & PE funds, with extensive experience in tech innovation and startup investment. He has participated in the founding and scaling of over 25 enterprises, having facilitated more than $2 billion in total equity and debt financing.
He boasts outstanding industry influence and profound expertise across tech entrepreneurship, capital operation, corporate strategy and cross-border investment.

Harvard of the South | MBA

Alexandra Orzeck | Managing Partner, NClude Capital
She specializes in venture capital focused on Artificial Intelligence (AI) and e-commerce, committed to identifying and backing high-growth innovative startups.
Her investment portfolio covers early-stage and growth-phase enterprises, with a particular focus on firms leveraging AI technology to revamp business models, streamline operational efficiency and upgrade consumer experience.
She boasts extensive expertise in tech innovation, startup investment and corporate strategy development, and actively drives the deep integration between AI technologies and real-world commercial applications.

Jose Ignacio Garcia Suarez |
MBA, Stanford University, USA

Research Fellow, Center for Entrepreneurial Studies, Stanford Graduate School of Business
Prior to joining the Center for Entrepreneurial Studies (CES), Jose Ignacio earned his MBA from Stanford University. He actively took part in CES, the Entrepreneurship Club as well as the Winter 2023 Lean Launchpad startup accelerator program.
His research and practical focus cover startup innovation, business model design, tech entrepreneurship and corporate strategic development, with solid expertise in entrepreneurship education and case study compilation.

David Burkart | MBA, Wharton
School, University of Pennsylvania,
USA

Founder & Chief Investment Officer, Coloma Capital Futures® LLC
Mr. Burkart previously served at Barclays Global Investors (BGI, now a subsidiary of BlackRock). During his tenure at BGI/BlackRock, he built an institutional commodity investment business exceeding $800 million from scratch and led the development of the $9 billion commodity iShares ETF franchise. Before taking charge of commodity investment lines, he was responsible for Fund of Funds and Synthetic Financial Products.

# Five-Week Course Structure (Part 1)|Weeks 1-3

Systematized AI Technology Training, from Fundamentals to Applications

Week 1

## AI Overview and Its Current State

AI Landscape & Strategic Insights

Dr. Barry Katz, Dr. Brian Ring, Dr. Ling Zong

- Global AI Landscape & Industry Status
- Key Points of Corporate AI Strategy
- Design Thinking in AI Transformation
- AI Technology Development Trends
- Industry Application Case Studies

Week 2

## AI Technical Foundations Part 1

Core Algorithms & Practical Tools

Dr. Ioannis Brilakis, Dr. Scarlet S-Grosche, Dr. Yuri Jiang

- ML & Deep Learning Fundamentals
- Computer Vision & Image Recognition
- NLP & Generative AI Principles
- Robotics & Intelligent Automation
- Business AI Application Scenarios

Week 3

## AI Technical Foundations Part 2

Advanced Systems & Governance

Dr. Song Han, Dr. Changzheng Peng

- OpenClaw, AI Agent & Hermes Systems
- Large Models & Intelligent Assistants
- AI Security & Algorithm Governance
- Data Privacy & Compliance Standards
- AI Ethics & Regulatory Frameworks

# Five-Week Course Structure (Part 2)|Weeks 4-5

Cutting-Edge Trends and Capstone Project

WEEK 4

## AI Applications & Future Trends

Exploring Industry Frontiers

Dr. Scott Delp, Dr. Edison Tse, Dr. Peter Lou & Forum Guests

- Emerging Trends & Intelligent Systems
- AI Innovation & Entrepreneurial Opportunities
- AI in Life Sciences & Healthcare
- AI Future Development Forum
- Future Directions of Intelligent Systems

WEEK 5

## Capstone Project & Certificate

Synthesis & Certification

Project Mentor Team (Industry Experts)

- Capstone Project Roadshow & Review (Opt)
- Corporate AI Solution Presentation
- Expert Review & Constructive Feedback
- Certificate Awarding Ceremony
- Project Achievement Sharing & Exchange

## Program Summary

Five-Week Learning Path

- Master the AI Technology System
- Build Corporate AI Strategic Capabilities
- Obtain an Authoritative Completion Certificate
- Establish a High-End Network of Contacts

**Integrating Fresh Perspectives • Practice-Oriented Learning**

# Learning Outcomes for Senior Executives | Three-in-One Integration: Strategy, Technology & Business

Build enterprise-level AI strategy & implementation capabilities, elevate comprehensively from conceptual understanding to practical deployment

**ML** = Machine Learning
**DL** = Deep Learning
**CV** = Computer Vision
**NLP** = Natural Language Processing
**LLM** = Large Language Model

6 ore Dimensions

100% Practice-Oriented

12+ Expert Lectures

50+ Case Studies

## Strategic Awareness

AI Trends & Strategic Decision-Making

- Align corporate strategy and investment priorities with AI industry trends
- Develop holistic insights into market & industrial development trends
- Formulate enterprise AI strategic roadmap

## Technical Judgement

Core Tech Principles & Application Boundaries

- Master core principles of ML/DL/CV/NLP/LLM
- Clarify technical limits and applicable business scenarios
- Evaluate technical maturity and implementation feasibility

## Business Transformation

High-ROI Application & Scaling

- Identify high-return-on-investment business scenarios
- Design PoC validation and full-scale rollout roadmap
- Maximize tangible business value

## Governance & Risk

Compliance & Security Management

- Data compliance and AI model security control
- Key requirements of AI ethics & regulatory policies
- Establish systematic risk prevention & control mechanism

## Organizational Capability

Talent & Process Development

- Build and nurture in-house AI talent teams
- Cross-departmental collaboration & organizational change management
- Business process optimization & operational efficiency improvement

## Comprehensive Value

All-round Competency Upgrade

- Establish systematic AI strategic thinking framework
- Keep pace with cutting-edge technological evolutions
- Expand high-quality industry networking resources

# Corporate Implementation Value | Stanford x Cambridge Methodology, Silicon Valley Best Practices

Build Corporate AI Strategy and Implementation Capabilities in Five Dimensions to Maximize Business Value

6 CORE DIMS | 100% PRACTICAL | 12+ EXPERTS | 50+ CASES

## AI Strategy
Clarify stance & implementation plan

- Build corporate AI strategy & roadmap
- Form consensus among board & management
- Set clear AI investment priorities

## Operational Efficiency
Process automation & decision-making

- Intelligent decision & process automation
- Cost control & business cycle optimization
- Achieve 30%+ operational efficiency gain

## Product Upgrade
AI empowers products & services

- Integrate AI into core product systems
- Create differentiated market competitiveness
- Elevate product intelligence experience

## Governance & Security
Compliance & risk prevention

- Data & AI model governance framework
- Strict compliance & risk control system
- Guarantee AI system reliability

## Innovation Ecosystem
Academic & industry networks

- Connect top academic & industry minds
- Expand cooperation & business chances
- Establish high-end resource network

## Comprehensive Value
Maximize business value

- Build systematic AI strategy framework
- Master cutting-edge tech development trends
- Drive overall business value maximization

# Course Modules & Learning Format | Systematic AI Training Program

6 Core Dimensions | 12+ Expert Lectures | 100% Practice-Driven | 5W Systematic Training

Integrated curriculum structure, diversified learning modes & tangible output to cultivate practice-oriented senior AI executives

## Module Composition

6 Core Modules

**Fundamental Overview Module**
Global AI landscape overview & industrial trend analysis

**Core Technology Module**
Core technologies of ML/DL/CV/NL

**Application Scenario Module**
Industry implementation & real-world deployment practices

**Intelligent Agent & Security Mo**
AI Agent, AI Security & Governance

## Learning Format

Multi-dimensional Interactive Teaching

**Thematic Lectures**
In-depth sessions delivered by professors from Stanford & Cambridge

**Case Study Workshop**
Silicon Valley best practices & industrial benchmark cases

**Hands-on Lab Training**
Practical operation of mainstream AI tools & platforms

**Roundtable Q&A Session**
Interactive consultation & problem-solving with industry experts

## Learning Deliverables

Practice-oriented Outcomes

**Corporate AI Opportunity Inventory**
Screen high-ROI applicable business scenarios

**Priority Ranking Matrix**
Prioritize sequencing of internal AI projects

**Capstone Project Proposal**
Complete actionable AI implementation plan

**Graduation Certificatio**
Authoritative accreditation with verified project results

# Certificate and Program Highlights | Authoritative Certification and Unique Value

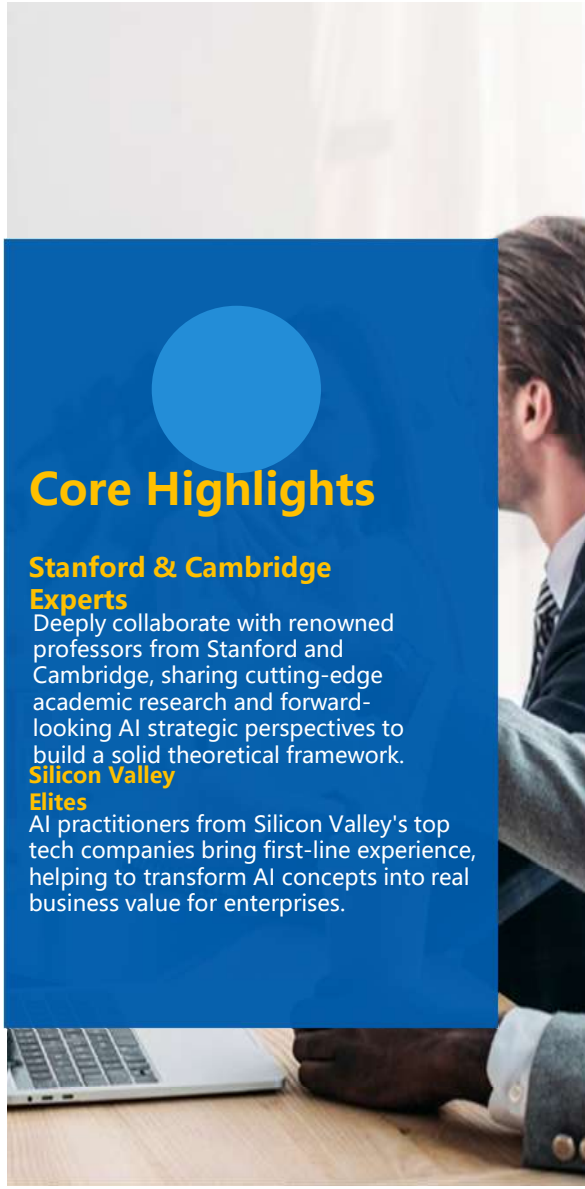
Upon completing the five-week course and the Capstone Project, participants will be awarded a globally recognized program completion certificate.

**20+** Top Experts | **100%** Practical | **5 W** Training

## Silicon Valley AI Executive Program Completion Certificate

After completing the five-week systematic training and the Capstone Project, you will receive the Silicon Valley AI Management Program Completion Certificate from the USA, certifying that you have mastered enterprise-grade AI strategy and implementation capabilities. This certificate is a recognized proof of your professional competence in the global AI industry.

**Official Certificate**



## Core Highlights

**Stanford & Cambridge Experts**

Deeply collaborate with renowned professors from Stanford and Cambridge, sharing cutting-edge academic research and forward-looking AI strategic perspectives to build a solid theoretical framework.

**Silicon Valley Elites**

AI practitioners from Silicon Valley's top tech companies bring first-line experience, helping to transform AI concepts into real business value for enterprises.

# Target Audience and Application Criteria | Executive Positioning and Precise Profile

Tailored for corporate management/board members to build AI strategic decision-making and implementation capabilities.

**12+** Top Experts | **100%** Practical | **5W** Training

## Target Participants

Key Decision-Makers in Organizations

### Board Members & CEO/President

Responsible for corporate strategic direction and AI investment.

### CTO / CIO / CDO

Overseeing technology strategy and digital transformation roadmap.

### Business Line Heads

Driving business innovation and practical AI application implementation.

### Innovation / Digital Heads

Leading enterprise innovation initiatives and digital transformation.

## Application Criteria

Stringent Selection for Program Excellence

### Management Experience

Minimum 5+ years of proven management experience in a senior role.

### Educational Background

Bachelor's degree or above in a relevant field.

### Strategic/Technical Acumen

Demonstrated strategic vision or technical background relevant to AI.

### Time Commitment

Ability to dedicate 4-6 hours weekly for immersive learning.

# Program Achievements and Impact

## Core Participant Gains

Systematic Capability Upgrade & Practical Outcomes

### AI Strategy Framework

Build a corporate AI strategic decision-making system.

### Tech Evaluation

Master AI boundaries & feasibility assessment.

### Industry Insight

Grasp cutting-edge trends & intelligence.

### Corporate PoC

Develop implementable AI project proposals.

## Implementation Scenarios

Real-World AI Application Cases

### NLP/LLM Service

Intelligent service & knowledge acceleration.

### CV Quality Inspection

Image recognition for quality control.

### Risk Control

Anomaly detection & risk warning.

### Intelligent Analysis

Data insight for decision support.

# SCHEDULE

| Date | California Pacific Time | Beijing Time |
|---|---|---|
| August 1, 2026 | 6:00 PM PDT | 9:00 AM (Aug 2) Beijing Time |
| August 15, 2026 | 6:00 PM PDT | 9:00 AM (Aug 16) Beijing Time |
| August 22, 2026 | 6:00 PM PDT | 9:00 AM (Aug 23) Beijing Time |

| California Pacific Time | Beijing Time |
|---|---|
| 6:00 PM PDT on August 1, 2026 | 9:00 AM on August 2, 2026 |
| 6:00 PM PDT on August 15, 2026 | 9:00 AM on August 16, 2026 |
| 6:00 PM PDT on August 22, 2026 | 9:00 AM on August 23, 2026 |

| Date | California Pacific Time | UK London Time | Beijing Time |
|---|---|---|---|
| August 8, 2026 | 6:30 AM PDT | 2:30 PM BST | 9:30 PM Beijing Time |

English Version:

| California Pacific Time | UK London Time | Beijing Time |
|---|---|---|
| 2ugust 8, 2026 6:30 AM | 2ugust 8, 2026 2:30 PM | 20gust 8, 2026 9:30 PM |

Note: This AI certification training program invites globally renowned scholars, AI specialists and industry leaders as guest speakers. Should speaker schedules shift due to academic commitments, corporate assignments, overseas trips or other unforeseen factors, the organizer reserves the right to adjust the curriculum and faculty lineup accordingly to sustain consistent high standards in academic rigor, professional depth, practical value and program influence.

# Organizer: US Silicon Valley Artificial Intelligence Research Institute (SVAAI)

- US Silicon Valley Artificial Intelligence Research Institute (SVAAI) is an AI research and industry collaboration institution based in Silicon Valley, USA, and oriented towards the globe. The institute is dedicated to promoting cutting-edge AI technology research, industrial application innovation, and international scientific and technological cooperation, building a global innovation platform that connects technology, industry, capital, and education.
- Leveraging Silicon Valley's world-leading innovation ecosystem, SVAAI brings together expert resources from top universities, technology companies, and investment institutions, and maintains close exchanges and cooperation with academic institutions including Stanford University, the University of Cambridge, and the University of California, Berkeley, as well as Silicon Valley technology companies.
- The institute focuses on promoting the industrial application of AI in fields such as enterprise management, FinTech, smart manufacturing, autonomous driving, and healthcare. Through technical research, corporate consulting, high-end education, and international cooperation projects, it promotes the innovative development and commercial implementation of AI technology worldwide.
- SVAAI is committed to becoming an important hub linking global AI innovation resources with industrial needs, promoting the deep application of AI technology in the economic and social development of the new era.

# Co-organizer, Key Partner: California Science and Technology University (CSTU)


- California Science and Technology University (CSTU) is a higher education institution with core features of technological innovation, artificial intelligence, business management, and international education.
- The university is dedicated to cultivating future technology leaders and corporate management talents with a global vision, innovative capabilities, and a practical spirit.
- Based in the global technology innovation center of California, USA, and leveraging the rich technological resources and industrial advantages of Silicon Valley, CSTU actively promotes the construction of "New Engineering," encourages interdisciplinary studies, technology integration, and the development of interdisciplinary applied research, providing students with a high-quality educational experience for the future.
- In the new era of rapid AI development, CSTU actively conducts AI education and research cooperation, promoting the application of AI in business, education, healthcare, finance, and social innovation.
- The university also establishes cooperative relationships with international educational institutions, enterprises, and industry experts to provide students and professionals with international courses, career development opportunities, and a global exchange platform.
- Adhering to the educational philosophy of "Innovation, Technology, Leadership," CSTU is committed to cultivating future talents who can drive social progress and technological development.

# In the New Era of Globalization, New Opportunities in the Silicon Valley AI Industry

Network Connection | Global Business Wisdom | Authoritative Certification and Unique Value

Early Bird: $1,680 / person
Regular: $2,380 / person