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Chinese Institute of Engineers/USA
San Francisco Bay Area Chapter

Since 1917
108
CiE
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Chinese Institute
of Engineers, USA

2025 CIE/USA-SF
ANNUAL CONFERENCE

AI
FOR EVERYONE
SHAPING TOMORROW'S WORLD

Saturday, June 7th, 2025

Auditorium of Synopsys Building 1
800 North Mary Avenue Sunnyvale, CA 94085
www.cie-sf.org

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Open Innovation Platform®

CIE/USA-SF Annual Conference Program
Saturday, June 7, 2025
Auditorium of Synopsys Building 1

1:00 PM	**Registration and Exhibition**
1:15 - 1:30 PM	**AP Chair Opening Remarks**
1:30 - 2:00 PM	**Invited Speech Session I**
	Brandon Wang
	Vice President, Technology Strategy Office of the CEO, Synopsys
2:00 - 2:30 PM	**Invited Speech Session II**
	Qingyun Wu
	CEO and Founder of AG2 (formerly AutoGen), Assistant Professor, Penn State University
2:30 - 2:35 PM	**Break I**
2:35 - 3:05 PM	**Invited Speech Session III**
	Alexander H. Wong
	Head of Music Engineering, Wavv
	Dean Ludgate
	Head of Operations, Wavv
3:05 - 3:35 PM	**Invited Speech Session IV**
	Jesse Shiah
	CEO & Co-Founder, AgilePoint
3:35 -3:45 PM	**High School Scholarship Ceremony**
3:45 -4:35 PM	**Panel Discussion I**
	Amit Sangani
	Director of Partner Engineering, AI Meta
	Frank Wang
	Principal Research Engineer, Salesforce AI Research
	Patrick Lu
	Lead Architect for Data and AI/ML, Trend Micro
	Shawn Flynn
	Founder, Silicon Valley Highpoint Capital, SVH Capital
4:35 - 4:40 PM	**Break II**
4:40 - 5:30 PM	**Panel Discussion II**
	Tim Xiong
	Senior Director, Plug and Play
	Hong (Henry) Xue
	Manager Partner, VentureX Fund
	Bill Sun
	Google DeepMind, Andreessen Horowitz
5:30 - 6:00 PM	**Afternoon Program Closing & Networking**
6:00 - 7:00 PM	**Dinner Banquet Guest Arrival & Check-In**
7:20 - 7:25 PM	**President's Opening Remarks**
7:25 - 7:30 PM	**Conference Chair's Remarks**
7:45 - 8:30 PM	**Dinner Banquet Keynote**
	Prof. Ge Wang
	Stanford University
8:00 - 9:30 PM	**Dinner**
9:30 PM	**Closing Remarks & Photos**

PRESIDENT'S REMARKS

PEI-YU HOU
President

Distinguished guests, esteemed members, dedicated volunteers, partners, and friends,

On behalf of the Chinese Institute of Engineers—San Francisco Bay Area Chapter (CIE/USA-SF), it is my distinct honor and privilege to welcome you to the 46th Annual Conference of our organization. We are deeply grateful for your presence today and your continued support of our mission.

The Chinese Institute of Engineers was originally founded in 1917—more than a century ago—with a visionary goal: to promote the professional development of Chinese engineers and scientists, while fostering the exchange of knowledge and strengthening ties between Chinese and American technical communities. In 1979, this noble mission took root in the San Francisco Bay Area with the founding of our chapter. Since then, over the past 46 years, CIE/USA-SF has evolved into a dynamic and influential platform for engineering and technology professionals, particularly within the Chinese and broader Asian American communities.

As we reflect on the past year, I am proud to share that CIE/USA-SF has experienced tremendous growth and continued to deliver on our commitment to excellence, inclusion, and service. Despite the evolving challenges of our time, we remained steadfast in our efforts—organizing and hosting over 50 events of varying scales and formats. These included technical seminars, professional development workshops, youth outreach initiatives, mentorship programs, and cross-industry networking opportunities. Each event was designed with intention: to educate, to empower, and to build bridges across cultures and generations.

Our achievements would not have been possible without the unwavering dedication of our board members, advisors, volunteers, sponsors, and collaborators. I extend my deepest gratitude to all of you. Your time, expertise, and generosity have been the cornerstone of our success. As we gather today under the banner of this year's conference, let us celebrate the progress we have made—and let us also recommit ourselves to the journey ahead. Let us continue to inspire innovation, cultivate future leaders, and serve as a beacon of excellence within our community and beyond.

Thank you once again for joining us. We look forward to a productive and inspiring conference together.

Sincerely,

Pei-Yu Hou
President
CIE/USA-San Francisco Bay Area Chapter

CONFERENCE CHAIR'S REMARKS

DR. ZHI (ZEE) ZHAI
Conference Chair

Dr. Zhai is a leading professional with a doctorate degree in computer science and engineering. When he was a senior software engineer at Roblox Corp., he was adept at leading cross-functional teams, implementing innovative solutions, and driving projects from ideation to completion. In that capacity, he demonstrated a solid combination of technical expertise and leadership skills to contribute to the success of the organization.

He received a Ph.D from the University of Notre Dame in 2013. Previously, his research field focused on the intersection of collective human intelligence, machine learning, and human computer interaction.

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Welcome Message

Greetings and a warm welcome to the 46th Annual Conference of CIE/USA-SF!

We are thrilled to host this year's large-scale, in-person festival under the exciting theme: "AI for Everyone: Shaping Tomorrow's World," where industry and academic leaders converge to explore cutting-edge advancements in artificial intelligence and their transformative impact on the future.

This highly anticipated annual event brings together engineering professionals, researchers, and industry leaders from Silicon Valley and across the globe to share their most impactful breakthroughs in technology and innovation.

By attending, you will gain valuable insights into AI-driven innovations, uncover strategies to leverage AI for business growth, and hear firsthand from startups sharing their journeys and success stories. This is an opportunity to learn and grow in your field.

We look forward to engaging discussions, inspiring keynotes, and invaluable networking as we explore how these emerging technologies are rethinking boundaries and unlocking new frontiers.
Welcome, and enjoy the conference!

Zhi (Zee) Zhai
Vice President and Conference Chair
CIE/USA-San Francisco Bay Area Chapter

AFTERNOON PROGRAM CHAIR

SIMON MA
Former President, CIE-SF (2017)
Afternoon Program Chair

Simon Ma is a seasoned engineering executive and AI innovator with over 20 years of experience leading cross-functional teams across the U.S., Taiwan, and China. He has held key leadership positions in engineering teams at renowned technology companies such as ITRI, TSMC, Quantenna, and Imagination Technologies. His areas of specialization include RF, wireless systems, SoC design, and computer architecture, and his technical innovations have resulted in 23 U.S. patents.

Since 2020, Simon has leveraged his extensive experience in engineering management and business operations to drive the development of AI agents and generative AI solutions powered by large language models (LLMs). He currently leads teams exploring AI applications across various industries, working closely with both emerging ventures and established organizations to accelerate their AI adoption.

Simon's commitment to cultivating the next generation of AI talent is a beacon of hope for the future of AI. For over three years, he has led AI study groups, mentoring young engineers and guiding them from foundational theories to advanced applications. His active involvement in the CIE community, where he served as President of the San Francisco chapter in 2017, promotes the belief that 'AI is for Everyone.'

AFTERNOON PROGRAM CHAIR

CHRISTIE L. WANG
Afternoon Program Co-Chair

Board Member, Chinese Institute of Engineers – San Francisco Chapter (CIE)
Founding Partner, Valere Venture

Christie Wang is a distinguished leader in the intersection of technology, law, investment, and public service. She currently serves on the Board of Directors of the Chinese Institute of Engineers – San Francisco Chapter (CIE), where she contributes her strategic vision and deep industry expertise to support the organization's mission of fostering innovation, mentorship, and collaboration among engineers, technologists, and entrepreneurs.

Christie is the Founding Partner of Valere Venture, an early-stage investment firm based in San Jose, California. Valere Venture focuses on high-potential technologies, including medical technology (medtech), Web3, and other disruptive innovations that have the potential to redefine industries. Prior to founding Valere Venture, Christie held senior legal and corporate roles at Hewlett Packard, where she specialized in mergers and acquisitions, corporate investments, and intellectual property strategy.

Christie holds a Juris Doctor (J.D.) from Northwestern University School of Law and a Master of Business Administration (MBA) from Kellogg School of Management, one of the nation's top business schools. This dual-degree background uniquely positions her to evaluate ventures from both a legal and financial perspective.

Her passion for innovation and mentorship is reflected in her service as a mentor for Stanford University's Technology Innovation Program, where she guides emerging leaders and startup founders navigating the complex path of product development and market strategy.
Christie is also deeply committed to civic engagement. From 2017 to 2021, she was appointed as a Commissioner for the City of Cupertino, where she contributed to community development initiatives, advised on public policy, and promoted inclusive, forward-looking urban planning.

DINNER BANQUET KEYNOTE

GE WANG
Professor, Musician, Computer Scientist, Designer, and Author

Ge currently is an Associate Professor at Stanford University in the Center for Computer Research in Music and Acoustics (CCRMA).

He specializes in the art of design and computer music — researching programming languages and interactive software design for music, interaction design, mobile music, laptop orchestras, expressive design of virtual reality, aesthetics of music technology design, and education at the intersection of computer science and music. Ge is the author of the ChucK music programming language, the founding director of the Stanford Laptop Orchestra (SLOrk).

Ge is also the Co-founder of Smule (reaching over 200 million users), and the designer of the iPhone's Ocarina and Magic Piano.

Ge is a 2016 Guggenheim Fellow, and the author of ARTFUL DESIGN: TECHNOLOGY IN SEARCH OF THE SUBLIME—a book on design and technology, art and life, published by Stanford University Press in 2018.

AFTERNOON SPEAKER SESSION I:

Re-Engineering Engineering: Navigating the Future with AI-Driven Intelligent Systems

BRANDON WANG

**Vice President
Technology Strategy
Office of the CEO
Synopsys**

Brandon Wang is the Vice President of Technology Strategy at Office of the CEO at Synopsys. Brandon oversees corporate-level technology roadmaps and strategies for growth, including global strategic and ecosystem partnerships, and M&A/investments for new horizons. He also heads the Chief Innovation Office, championing organic innovations and worldwide academic and research partnerships.

Prior to joining Synopsys in 2018, Brandon served executive and senior roles at Cadence, ARM, Qualcomm, and Lattice in the chief strategy office, product marketing, and R&D organizations for over two decades.

Brandon is currently serving on the board of Efabless Corporation and as a limited partner/Investment Council member at Imec.Xpand, an affiliated VC to Imec. He is also a Limited Partner at AIX Ventures, a leading venture capital firm focusing on AI investment, and an LP and Technical Advisory Board Member at Black Opal Ventures, which invests in life science and healthcare.

An Electrical and Computer Engineer by training, Brandon holds 10 patents and has published at 30+ IEEE conferences, in journal papers, and invited talks in the areas of 3D-IC, Machine Learning, HW security, High-speed Interfaces, Low Power CPU, FPGA, and Memory Designs. He is a chapter author of a recent book, "Direct Copper Interconnection for Advanced Semiconductor Technology".

He also has an MBA degree from the Wharton School at the University of Pennsylvania.

AFTERNOON SPEAKER SESSION II:

Orchestrating Intelligence: Building Effective AI Agents with AG2

QINGYUN WU

Founder and CEO of AG2 (formerly AutoGen)
Assistant Professor, Penn State University

Dr. Qingyun is the founder and CEO of AG2AI. AG2 (originated from Qingyun's work on AutoGen) is a leading open-source framework with monthly downloads of over 700k and a vibrant community of over 20k AI agent developers.

Qingyun is also an Assistant Professor at the College of Information Science and Technology at Penn State University. Qingyun got her Ph.D. in Computer Science from the University of Virginia in 2020.

Qingyun received the 2019 SIGIR Best Paper Award and the ICLR 2024 LLM agent workshop Best Paper Award.

AFTERNOON SPEAKER SESSION III:

The Algorithmic Muse: Exploring the Fusion of Music, Math, and Machine Intelligence

ALEXANDER H. WONG

Head of Music Engineering
Wavv

Alexander Wong is the Head of Music Engineering at Wavv, where he plays a pivotal role in leading the development and integration of music-related technologies within the company's AI-driven platform. An award-winning composer and music producer with a diverse portfolio, Alex has composed for film, television, and multimedia projects across Asia and North America.

Before joining Wavv, Alex and Wavv's CEO, Ivan Linn, became acquainted while collaborating on projects for Netflix. Their shared experience at Netflix, where they both worked on high-profile media projects, laid the foundation for a strong professional relationship. This connection eventually led to Alex taking on his current leadership role at Wavv, where his expertise in music and technology continues to drive the company's innovative approach to AI-generated music.

Alex's career highlights include composing the score for the Taiwanese drama series "Green Door," starring the famous singer Jam Hsiao. For this project, Alex served as both Lead Composer and Music Supervisor, creating the score and writing the end credits song performed by Jam Hsiao. The series, which aired on Taiwanese television in 2019 and is available globally on Netflix, was nominated for several Golden Bell Awards, including "Best Sound Award," where Alex's music played a crucial role. The "Best Sound Award" recognizes both the music and sound design of the series. In addition to "Green Door," Alex has composed scores for acclaimed short films such as "Shotgun" and "Scary Finger," both of which received multiple awards and nominations at international film festivals. His work on "Shotgun" was recognized at the Twin Tiers International Film Festival and the Madrid Film Festival in New Mexico. In 2021 his score for "Scary Finger" earned Alex "Best Original Score" awards at both the Mindfield Film Festival in North America and the Golden Lemur International Film Festival in Europe. In 2024, Alex's work on the period drama "Trade War" was nominated for "Best Original Score" at both the Hollywood Music In Media Awards and the International Sound & Film Music Festival.

Alex's academic background is equally impressive. He studied music theory at The Juilliard School of Music, film scoring at UCLA, and holds a Master of Music in Music Technology from New York University, specializing in scoring for film and multimedia.

Alex's role at Wavv, combined with his extensive experience and connections in the music and film & TV industries, positions him as a key contributor to the company's mission to revolutionize music creation through AI. His work continues to influence and shape the future of music technology at Wavv, driving the company forward in its quest to innovate within the highly competitive landscape of AI-driven music.

AFTERNOON SPEAKER SESSION IV:

Enabling The Next Big Thing in AI: Enterprise-Ready Real-Time Agentic Systems

JESSE SHIAH

CEO & Co-Founder, AgilePoint

Mr. Shiah has devoted his career to redefining and democratizing the software development paradigm through innovations that include abstraction and platform-agnostic, no-code model-driven composability.

This advancement significantly reduces complexity and bridges the gap between business and IT. It enables the development of a real-time, adaptive, and resilient business system that effectively manages unpredictable exceptions and AI's dynamic, non-deterministic nature without requiring code changes.
Since 2003, Mr. Shiah has led the way in low-code/no-code innovation demonstrating how composable architecture can democratize application development, empowering everyone to innovate.

Mr. Shiah frequently speaks at various high-tech conferences to further evangelize his vision. He collaborates with forward-looking organizations, from startups to Fortune 100 companies, to push the envelope of access to a new performance frontier by delivering next-generation, real-time agentic automation systems.

PANELIST 1
AMIT SANGANI

Director
Partner Engineering, AI
Meta

Amit Sangani is the Director of Partner Engineering, AI at Meta. Amit has been with Meta for 10+ years and manages developer-facing engineering teams working on AI platforms such as Llama and PyTorch.

Amit and his team's mission is to democratize AI and increase the adoption of these platforms by making it easier for developers to integrate them into their products and spur innovation and increased productivity.

PANEL DISCUSSION I
The Transformative Impact of AI on Business and Industry

PANELIST 2
FRANK WANG
Principal Research Engineer
Salesforce AI Research

Frank Wang is a Principal Research Engineer at Salesforce AI Research, where he is responsible for overall design and architecture of incubation products focused on GenAI models, agents, and apps. In his previous role, he led the engineering team for the Atlas project (now known as Agentforce reasoning engine and RAG system), which was well received by customers like Disney, Kaiser Permanente, and RBC and is now in production use by numerous clients.

With nearly two decades of software engineering experience, Frank specializes in developing practical GenAI applications including planning, memory, multi-agent systems, and knowledge intelligence systems. As a founding employee at Vlocity (acquired by Salesforce), he played a key role in scaling the company from 10 to 1,000+ employees, leading mobile product and engineering initiatives that transformed industry-specific applications.

Frank holds engineering leadership credentials from Cornell University and graduated with distinction from the University of Victoria. Throughout his career spanning organizations like Salesforce, SAP, and HealthTap, Frank has combined deep technical expertise with entrepreneurial vision, consistently bringing AI innovations from concept to production while creating intelligent systems that solve complex business challenges.

PANELIST 3
PATRICK LU

Lead Architect for Data and AI/ML
Trend Micro

Patrick Lu is the Lead Architect for Data and AI/ML at Trend Micro, where he shapes the strategic direction of enterprise-wide AI and data initiatives. With over two decades of experience in cybersecurity, data mesh, cloud infrastructure, and machine learning, Patrick has led the transformation of emerging technologies into real-world products and solutions that strengthen cyber defense for global customers.

Patrick's current work centers on large language models (LLMs) and agentic AI systems. He spearheaded the creation of Trend Micro's cybersecurity-specialized LLMs and open-sourced them via HuggingFace to foster innovation within the AI security community. He now leads an R&D initiative to build multi-agent AI systems that autonomously analyze the development pipeline, detect potential vulnerabilities, and mitigate security risk across the generative AI system life cycle.

Patrick also serves as Trend Micro's principal liaison to NVIDIA, leading joint engineering efforts across Morpheus, NeMo, cuDF, Spark-RAPIDS, and GPU-accelerated platforms. His work ensures cutting-edge GPU technologies power faster, more intelligent threat detection at a petabyte scale in modern cloud and enterprise environments.

A frequent speaker at NVIDIA GTC conferences, Patrick shares insights on the future of data security with GPU-powered pipelines and AI-powered cloud risk assessment with Agentic AI.

PANELIST 4
SHAWN FLYNN

Founder
Silicon Valley Highpoint Capital
(SVH Capital)

Shawn Flynn is the founder of Silicon Valley Highpoint Capital (SVH Capital), where he and his team uses AI to help in the steps of the transaction process. He began his career in Beijing, China, founding, scaling, and successfully exiting a company before returning to the U.S. to work with fast-growing Silicon Valley startups to established overseas public companies. He specializes in mergers & acquisitions, raising growth capital, and secondaries.

Shawn Flynn is Registered Representative of Finalis Securities LLC Member FINRA / SIPC.

PANELIST 1
TIM XIONG
AI Investment
Plug and Play

Tim Xiong, Senior Director at Plug and Play and the right-hand man of CEO, focuses on early-stage investment focusing on artificial intelligence in Silicon Valley. Tim is a seasoned business leader with a proven track record of success across top global companies, including Amazon AWS, Microsoft, and IBM. He has held executive roles in corporate investment, business innovation, and startup ecosystem development. He serves as a member of the Open Innovation Advisory Board at the Haas School of Business, UC Berkeley, and is a leading advisor at the UC Berkeley Skydeck Accelerator. In addition, Tim is a board member on the Investment Committee of Hong Kong Tong Ze Group, further showcasing his strategic influence in international investment and innovation.

Plug and Play is a leading global innovation platform and startup accelerator headquartered in Silicon Valley. To date, Plug and Play has accelerated over 9,000 startups and invested in more than 2,000 early-stage companies, including notable names such as PayPal, Dropbox, Lending Club, and N26. The platform partners with over 500 leading corporations across various industries, including fintech, healthcare, sustainability, and mobility. Plug and Play has launched a new initiative called the "AI Center of Excellence," aimed at transforming regions into recognized leaders in artificial intelligence by establishing strategic hubs that foster innovation and collaboration among startups, corporations, and educational institutions.

PANELIST 2
BILL SUN
Google DeepMind
Andreessen Horowitz

Bill Sun is a co-founder of PIN AI and Generative Alpha, two cutting-edge AI startups based in the Bay Area. He holds a PhD in Mathematics and AI from Stanford, where his research led him to Google Brain as one of the first scientists to demonstrate a transformer model for question answering in 2016. Prior to founding these ventures, Bill managed a billion-dollar AI+quantitative equity portfolio at Millennium Management and held senior quant researcher roles at Citadel and Point72 Cubist. He is also a founding member of AGI House, a Bay Area AI community supported by Google and the co-founders of OpenAI.

PANELIST 3
HONG (HENRY) XUE

AI Investments
VentureX

Hong (Henry) Xue is a Silicon Valley-based Venture Capital investor and executive with a passion for innovation. Henry is the Managing Partner for VentureX Fund, and has led the practice of early-stage investment and mergers and acquisition initiatives in Silicon Valley.

His investment focus spans across Artificial Intelligence, CleanTech and Sustainability. Notable companies in his portfolio include CyberFend (acquired by Akamai), CaiCloud (acquired by ByteDance), Oculii (acquired by Ambarella), Namocell (acquired by Bio-techne), LeanFM, Opentron, and ScaleFlux, among others. In total, he has invested in 30 Silicon Valley-based companies with 9 profitable exits.

Henry serves as a board member, board observer, or an advisory board member for startups and high-growth, pre-IPO companies.

His industry experience spans hardware manufacturing, telecom, enterprise software, professional services, and venture capital investment. His earlier professional experience includes technology management positions in companies such as Motorola and Oracle.

He holds a master's degree from Carnegie Mellon University and is also an alumnus of the Stanford Executive Program.

SCHOLARSHIP WINNERS
HIGH SCHOOL SCHOLARSHIP AWARDEE

ALLISON CHOI STRATFORD PREPARATORY HIGH SCHOOL, GRADE 11

My academic journey throughout high school has always centered around business. I have pursued all business-related courses available, building foundations in entrepreneurship and marketing. I have also attended summer programs around the world to strengthen and build my knowledge within other areas of business. Beyond the classroom, my role as Vice President in DECA, a business-oriented competitive organization, has allowed me to excel in business competitions against other high schools while also supporting my peers. My interest in finance has also led me to become a proud and active member of my school's Investment Club, where I gained valuable knowledge relating to financial analysis, stock valuation, and investment options to assist my success in international investment competitions. These experiences led me to initiate the club's very first financial literacy event to the public.

SOPHIE HO MENLO SCHOOL, GRADE 12

Playing the violin has not only been a pathway towards self-expression, but has introduced me to close communities and valuable opportunities. One such community is the Palo Alto Chamber Orchestra (PACO). I have participated in PACO for 6 years, and this organization has pushed me to grow into a better performer, musician, and mentor. PACO is special because it is small and close-knit; through high-level orchestral and chamber music, PACO has taught me life skills such as leadership, open communication, and flexibility. Aside from playing bigger orchestral works, every musician in PACO plays in a chamber ensemble. In the past 2 years, I have been a "Pedagogical Ambassador," a coach that mentors and guides a younger chamber group through their rehearsals, culminating in their concert performance.

CODY CHEN LOS GATOS HIGH SCHOOL, GRADE 11

Cody Chen is a junior at Los Gatos High School. He enjoys getting involved with the local community and volunteering for various school and town events. At school, Cody has led the Los Gatos High School Speech and Debate team for over 2 years as Vice-President and the Coding Club for over 2 years as President. Outside of school, Cody serves as a member and library board liaison of the Los Gatos Youth Commission, where he discusses policies and solutions to youth-related issues, such as a new ordinance relating to E-Bike usage in the town, or library policies that might impact how the youth use the library. Cody also regularly volunteers at the Tzu Chi Foundation, accumulating over 400 hours. He volunteers as a tutor in the English Exchange Program, teaching students in rural Penghu Taiwan English through online meetings, and he also organizes and promotes the recycling program, raising over $1000. For the past 3 years, Cody has volunteered at the Computer Literacy Program, serving as an instructor, designing lesson plans teaching neurodiverse students computer literacy and art skills.

SCHOLARSHIP WINNERS
HIGH SCHOOL SCHOLARSHIP AWARDEE

ELAINA LI SAN MATEO HIGH SCHOOL, GRADE 11

In second grade, my teacher said, "Math is everywhere." This phrase has guided me ever since. I've found math in language, performing arts, and life itself. This curiosity has shaped my journey through competitive math, linguistics, and skating and sparked my passion for both challenge and collaboration.

I discovered the joy of logic and strategy through Mathcounts and Math Olympiad and continued as a math club member and competitor in high school. I earned Honorable Mentions at the Berkeley Math Tournament and the American Statistical Association K–12 Visualization Competition. Through founding our Computational Linguistics Club, I explore the intersection of language and algorithms while mentoring younger students.

JANICE WANG MILPITAS HIGH SCHOOL, GRADE 12

As a student who hopes to pursue a career within the technology industry, I hope that this small introduction will give you a general idea of my passion for the industry. My pursuits encompass a wide range of endeavors, ranging from joining the MHS Science Olympiad teams to explore a sense of commitment to excel, to creating art for competitions and shows to express my creativity and imagination, to participating in the Inspirit Ai Summer Program where I explored a fascinating world of Artificial Intelligence and went on to create a research paper with a mentor. All while I was also helping out with my community through helping seniors learn arts and crafts, as well as helping those who need food and supplies at Second Harvest - Silicon Valley, and the Milpitas Food Bank. Though these endeavors may be loosely related, I wanted to find the right passion for me, and seeing that the world is constantly changing, I saw that the future revolves around our progression through technology.

MAGGIE DING ALBANY HIGH SCHOOL, GRADE 12

I have always been a hardworking and compassionate individual, dedicated to helping the most vulnerable in my community. Since childhood, I have volunteered at homeless shelters and food banks like the Bay Area Rescue Mission. I also helped out in the Bake for Charity Club, helping me to become its president in the future. As the founder and president of One Heart Christian Club, I created a space for students to explore faith and study the Bible. My passion for teaching has driven me to tutor and mentor children for years. I have volunteered at the Lawrence Hall of Science for four years, simplifying complex science topics for young learners and helping people around the center. My hard work and dedication led me to earn the Bronze President's Service Award.

SCHOLARSHIP WINNERS
HIGH SCHOOL SCHOLARSHIP AWARDEE

ORYAN LIU AMADOR VALLEY HIGH SCHOOL, GRADE 11

My swim training schedule consists roughly 20 hours of water time each week including several early morning training practices. Swimming has shaped my discipline, resilience, and leadership. Earning three varsity letters and qualifying for the 2024 USA Swimming Junior National and US Open in the 200 Breaststroke are indications for my dedication. Balancing rigorous academics and high-level competition, I achieved the CIF NCS Scholastic Award (President's List), and I am also honored to be a USA Swimming Scholastic All-American.

In 2024, I trained in the U.S. Olympic & Paralympic Training Center in Colorado Springs, CO as a Pacific Swimming Distance Training Camp selectee, improving my skills. Beyond swimming, I am committed to my community, serving as the founding Vice President of the Tri-Valley Asian Association (TVAA) Youth Leadership Team. We organized many youth music performances at a local Senior Center. It has become a popular event to a level that performance is offered every other month.

SPECIAL THANKS TO OUR SPONSORS

Ms. Joyce Hsu (沈悦)

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2030 Technology Strategy and Roadmap

To innovate a better future, ITRI has drawn up its 2030 Technology Strategy and Roadmap, in which it enhances the development of intelligentization enabling technologies and focuses on three application domains: Smart Living, Quality Health, and Sustainable Environment. The Institute strives to use technological innovation to shape new lifestyles, develop market-oriented solutions, and find uncontested spaces.

Smart Living

Digital transformation has become a driving force for global economic innovation. With the prevalence of IoT and AI, people are seeking a faster, easier, and smarter life with the introduction of intelligent devices/services and new business models. Therefore ITRI is developing personalized devices and services, autonomous mobility systems, and smart industries and services for the Smart Living domain. ITRI is also working on human-machine interaction, enhanced imaging and perception systems, autonomous decision-making and control, and smart business technologies and services.

Quality Health

As many countries are moving towards hyper-aged societies, demands for medical personnel and healthcare resources are increasing. New business opportunities in the emerging diagnosis and treatment market are also created through integrated solutions that include smart long-term care systems, personalized/precision medicine, and healthcare models. In the domain of Quality Health, ITRI leverages Taiwan's strengths in ICT and medical care systems to develop smart medical and healthcare technologies. The R&D scope includes smart medical electronics, regenerative medicine, wearable devices, digital healthcare services, and many more.

Sustainable Environment

Due to the current climate change, greenhouse effects, and limited energy sources and resources, how to coexist with Mother Nature has become an important issue when developing new technologies. A sustainable environment can be maintained by creating a circular ecosystem, cutting down time and energy consuming production processes, and discovering green energy sources. ITRI is thereby enhancing the technology development in the circular economy, smart manufacturing, and green energy and environment fields by exploring high-value circular materials, smart manufacturing systems, and supply chain management to achieve ecological symbiosis.

Intelligentization Enabling Technology

Intelligentization enabling technology is the backbone supporting multiple applications in the 2030 Technology Strategy and Roadmap. As a result, ITRI turns to AI, semiconductor, communications, cybersecurity, and cloud technologies to foster technology breakthrough in the above three application domains. At the same time, Intelligentization enabling technology can ensure data privacy and information safety when combating cyber threats.

HONG
KONG

HONG KONG
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美國的歷史就是我們的歷史……

自從 1845 年以來 美國名流紛紛選擇紐約人壽。美國總統、民權領袖、體育明星等各界人士都將信任託付給我們。

美國總統……

1831-1881	1829-1886	1833-1901	1843-1901	1858-1919	1865-1923
James A. Garfield	Chester A. Arthur	Benjamin Harrison	William McKinley	Theodore Roosevelt	Warren G. Harding
第 20 任美國總統	第 21 任美國總統	第 23 任美國總統	第 25 任美國總統	第 26 任美國總統	第 29 任美國總統

1872-1933	1874-1964	1882-1945	1811-1872	1820-1906	1861-1939 1865-1939
Calvin Coolidge	Herbert Hoover	Franklin D. Roosevelt	Horace Greeley	Susan B. Anthony	William and Charles Mayo
第 30 任美國總統	第 31 任美國總統	第 32 任美國總統	《紐約論增報》(New-York Tribune) 創辦人。口號:「去西部吧,年輕人!」(Go West, young man!)	主張廢除奴隸制度者、改革者、女權活動家。	醫師、健康照護創新者、梅約診所 (Mayo Clinic) 創辦人。

19 世紀名人……（見上方 Horace Greeley 等）

20 世紀名人……

1874-1926	1875-1971	1899-1974	1895-1948	1903-1941	1904-1971
Harry Houdini	James Cash Penney	Duke Ellington	Babe Ruth	Lou Gehrig	Ralph Bunche
魔術師、幻術師、逃脫大師。	商人和慈善家: J.C. Penney 連鎖百貨公司創辦人。	作曲家、樂團團長、鋼琴家、爵士樂傳奇人物。	記錄創造者、遊戲規則改變者、「猛打蘇丹王」。	棒球界的「鐵馬」,以非凡勇氣面對肌萎縮性脊髓側索硬化症 (Amyotrophic Lateral Schlerosis, ALS), 在 37 歲時因該病英年早逝。	外交官、民權活動家。1950 年諾貝爾和平獎得主。

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