

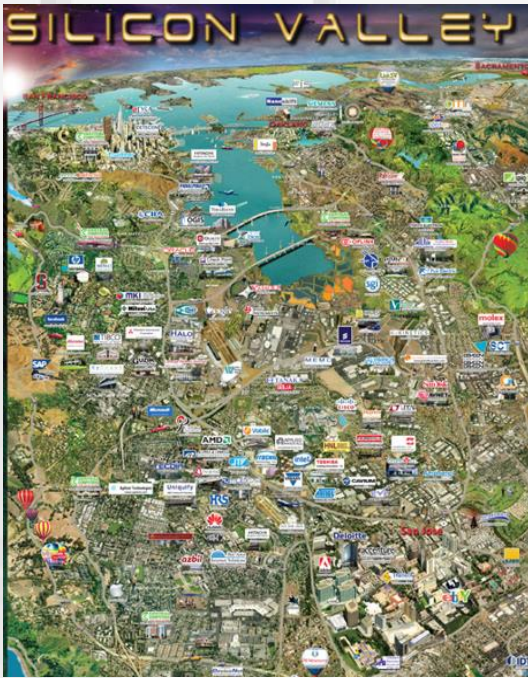


Silicon Valley Software Technology & Innovation Program

4 Weeks (7/19/2021 – 8/13/2021)

SJSU SAN JOSÉ STATE
UNIVERSITY

Silicon Valley Center for Operations & Technology Management



San Jose State University

- Founded in 1857
- The first public higher institution in western United States
- In 1882, opened a branch in Los Angeles, then became UCLA in 1927
- 226,000 network of alumni
- 33,025 students in Fall 2020
- **#1 provider of engineering, science and business graduates to Silicon Valley**
- **The most alumni at Apple**

Program Schedule

Week 1	7/19	7/20	7/21	7/22	7/23	
Session 1-I (8:30AM-10:30AM)	Int. to the Program & Team Building (Meeting with mentors)	SV Innovation II - Ideation	Design Thinking	Big Data Analytics II	Mobile applications development I	
Break						
Session 1-II (11:00AM-1:00PM)	SV Innovation I	Product Commercialization	Big Data Analytics I	Fireside Chat I with SV Professionals (Topic: SV SW Technology Trend)	Mentoring Project	
(2:00PM-5:00PM)	Working on the Team Project					
Week 2	7/26	7/27	7/28	7/29	7/30	
Session 2-I (8:30AM-10:30AM)	Mobile applications development II	Go-To-Market II	Virtual SV Company Tour I (Theme: SV SW Industry & Its Culture)	Mentoring Project	Beyond AI - Future of AI and Artificial Sensibility	
Break						
Session 2-II (11:00AM-1:00PM)	Go-To-Market I	Machine Learning & Artificial Intelligence I	Machine Learning & Artificial Intelligence II	Artificial Intelligence Convergence	Project Progress Presentation I & Mentoring	
(2:00PM-5:00PM)	Working on the Team Project					
Week 3	8/2	8/3	8/4	8/5	8/6	
Session 3-I (8:30AM-10:30AM)	Software Startup Financial Planning I	Software Startup Financial Planning II	Virtual SV Company Tour II (Theme: SV SW Startups)	Fireside Chat II with SV Professionals (Topic: SV software industry practices)	IoT and Embedded Systems II	
Break						
Session 3-II (11:00AM-1:00PM)	Dev-Ops I	Dev-Ops II	Mentoring Project	IoT and Embedded Systems I	Project Progress Presentation II & Mentoring	
(2:00PM-5:00PM)	Working on the Team Project					
Week 4	8/9	8/10	8/11	8/12	8/13	
Session 4-I (8:30AM-10:30AM)	Cybersecurity I	SQA and Test Automation I	Presentation / Pitching Skill	Mentoring Project & Project Presentation	Project Contest & Award Ceremony	
Break						
Session 4-II (11:00AM-1:00PM)	Fireside Chat III with SV Professionals (Topic: SV Work Culture & Job Search)	Cybersecurity II	SQA and Test Automation II	Presentation Rehearsal & Mentoring		
(2:00PM-5:00PM)	Working on the Team Project					

Silicon Valley Software Technology & Innovation Program

- **SVSTIP Aims to Help Students**
 - Learn emerging technologies and innovations of Silicon Valley
 - Understand business opportunities and innovation challenges
 - Apply learnings to developing an innovative technology project
 - Experience Silicon Valley business/innovation practices and work cultures
- **4 Weeks of Intensive Program, consists of...**
 - **Technology Track**
 - ✓ Big Data Analytics
 - ✓ Mobile applications development
 - ✓ Machine Learning & Artificial Intelligence
 - ✓ Beyond AI – Future of AI and Artificial Sensibility
 - ✓ IoT and Embedded Systems
 - ✓ DevOps
 - ✓ Cybersecurity
 - ✓ SQA and Test Automation
 - **Business Track**
 - ✓ SV Innovation – Ideation
 - ✓ Product Commercialization
 - ✓ Design Thinking
 - ✓ Go-To-Market
 - ✓ Software Startup Financial Planning
 - **Project Track**
 - ✓ Mentoring
 - ✓ Presentation / Pitching Skill
 - **Fireside Chat Track**
 - ✓ SV SW Technology Trend
 - ✓ SV software industry practices
 - ✓ SV Work Culture & Job Search
 - **Industry Learning Track**
 - ✓ Virtual company tours
- **Certification and Project Competition Awards**

Instructors

- **Kent Kaufman** - CEO of Growth and Leadership Center in Silicon Valley
- **Hans Cheung** – A DevOps engineer at Adobe Systems
- **Dave Wang** - A machine learning engineer at Cisco SAIL (Speech AI Lab)
- **Saravana Krisnamurthy** - VP of Product Management at MariaDB
- **Steve Artim** - CEO of FeverCoach a fast-growing Digital Diagnostics Medical App company applying AI to diagnosis of COVID-19 and Influenza.
- **Hyunglim Ji** – A consultant on product development, and marketing at global high-tech companies
- **Seshadri Paravastu** - A tech-savvy business leader. His 25-year career spans corporates, high-growth companies, and start-ups in Silicon Valley
- **Jun Sun** - Co-founded a startup company, Netspectrum, that developed the first Linux-based SmartSIM product and enabled mobile applications directly from SIM card
- **Soumitra Lahiri** - A software quality assurance professional with 20+ years of experience in Mobile / Web / Networking / Consumer Electronics domains
- **Jon Sung** – A product leader on the research and development of enterprise security solution at Shape Security, part of F5
- **Michael Nguyen** - A Human Resources/Immigration Specialist, responsible for strategizing and coordinating human resources
- **Satheesh Jayakumar** - Architect, security/privacy evangelist, chief tinkerer
- **KooHyung Lee** - Founded NeuroSky in Silicon Valley, and working as a Chief Technology Officer (CTO)
- **Julien Pierret** - A senior machine learning engineer at AppFolio

Industry Affiliations for Virtual Visits and Fireside Chats



elastic



Adobe

NeuroSky®

Body and Mind. Quantified.



CISCO



Google



MariaDB

SH-PE

Part of F5

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4주 동안 정말 많은 것을 배우고 많은 경험을 했습니다.

그 동안 교수님들 멘토분들과 실제로 마주하진 못하고 on-line 이었지만 많은 커뮤니케이션 하면서 친근감을 느끼고 가까워진 것 같은데 이렇게 끝이 나네요. 4주 동안 정말 많은 것을 배우고 많은 경험을 했습니다. 지난 3년 동안의 대학생활보다 이번 4주 동안 더 많은 것을 배운 것 같습니다. 그리고 학교에서 배우지 못하는 것들, presentation 방법, 마케팅전략... 이 경험들은 정말 금과 같다고 생각합니다. 이렇게 성공적인 프로젝트를 할 수 있었다는 것, 정말 자신감 없고 걱정만 가득했던 저에게는 인생의 터닝포인트가 될 것 같습니다. 매우 귀한 시간이었습니다. 이때까지 그렇다 할 작품들을 만들지 못했고 학교수업에 따라가기 바빴기에 저 스스로도 바뀌어 보고 싶어서 도전하는 마음으로 시작했습니다. 첫 도전이 이렇게 만족스러운 결과를 보여줬기에 저 스스로도 많은 자신감이 붙은 것 같습니다. 이런 기회를 주신 교수님들과 멘토님들 정말 감사합니다.

기업경영, 전공 관련 지식에 대해서 많은 것을 얻었습니다.

짧다면 짧고 길다면 긴 4 주 동안 수준 높은 강사진에게 수준 높은 수업들을 듣고 제품을 구상하고 판매 전략을 직접 세워보는 과정을 거치면서 많은 발전을 한 것 같습니다. 저희 조의 조장을 맡아 좋은 사람들과 진지하게 스타트업의 방향을 정하고 발전해나가면서 성취감과 자신감을 많이 얻은 것 같아서 좋습니다. 예전부터 해보고 싶었던 기업경영에 대해서도 제 전공 관련 지식에 대해서도 많은 것을 얻어가서 뜻 깊은 4주였다고 생각합니다.

훌륭한 프로젝트를 완성시킬 수 있고, career에 보석같은 존재가 될 것입니다.

이 프로그램을 시작하기 전에 많은 걱정이 있었습니다. 영어로 진행되는 강의고 뭔가 엄청난 프로젝트를 해야 되는데 할 수 있을까 걱정이 많았습니다. 하지만 커리큘럼을 하나 하나씩 듣고 멘토링받으니깐 저도 할 수 있더라고요. 이 경험은 앞으로 저의 career에 정말 보석같은 존재가 될 것입니다. 모든 분들이 친절하시고 잘할 수 있도록 격려해 주십시오. 이분들을 믿고 따른다면 훌륭한 프로젝트를 완성시킬 수 있을 겁니다.

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(All times are local time in Korea.)