CSU AI Summer Camp 2025 - Agenda

Sunday, July 27th - Arrival Day

Location: Aliso Lobby & Buena Vista Building

- **2:00-5:00 PM:** Student lodging check-in
- **7:00-9:00 PM:** Welcome bowling & pizza at Mustang Lanes

-**Parking:**

- Participant Parking: Village Drive Structure R3
- Guest/Other Parking: Grand Avenue Parking Structure
- Parking is ~$60 for the week

Event Overview

Dates: July 27-August 1, 2025
Location: Cal Poly ATL Building (Building 007), 1 Grand Avenue, San Luis Obispo, CA 93407
Participants: California State University students (100 attendees) **Staff/Mentors:** (15+ full time staff (industry/university) and expert student mentors)

Monday, July 28th - Foundations & Team Building

- **9:00-9:30 AM:** Welcome & introductions
- **9:30-9:45 AM: Keynote:** "The AI Revolution and Your Role in It"
- **9:45-11:45 AM: Lecture:** Introduction to Large Language Models
- **11:45 AM-12:00 PM:** AWS Jam Session introduction
- **12:00-1:00 PM:** Lunch & icebreakers - Dining Hall
- **1:00-2:30 PM:** Hands-on lab: Calling Bedrock from local machine
- **2:45-4:00 PM:** AWS Bedrock lab continued
- **4:00-4:30 PM:** Q&A wrap-up
- **4:30-5:00 PM: Industry Panel:** "Industry AI Trends"
- **7:00-9:00 PM:** Welcome reception & team building activities MAC Building 43

Tuesday, July 29th - Core Technologies

Location: Cal Poly ATL Building

- **9:00-10:15 AM: Lecture:** General AWS Services (EC2, IAM, DynamoDB)
- **10:30 AM-12:00 PM:** AWS JAM: SportSage challenge
- **1:00-2:00 PM:** Campus problem presentations & hackathon introduction
- **2:00-3:30 PM:** Team strategy sessions
- **3:30-4:00 PM: Guest Speaker:** "Envisioning the Future Using AI"
- **4:00-5:00 PM: Technical Workshop:** Streamlit
- **6:00-8:00 PM:** AI-powered scavenger hunt

Wednesday, July 30th - Application Development

Location: Cal Poly ATL Building

- **9:00 AM-12:00 PM:** Learning Labs (Track sessions: Vibe Coding, RAG Applications, Agents, Prompt Engineering, Data Processing, Deployment, UI Design, Version Control)
- **1:00-2:00 PM:** Review, discussion & Q&A
- **2:00-2:30 PM: Guest Speaker:** "AI Safety and Ethics"
- **2:45-5:00 PM:** Project work time & mentor check-ins

Thursday, July 31st - Project Development

Location: Cal Poly ATL Building

- **9:00 AM-12:00 PM:** Team development time with roving mentors
- **12:00-1:00 PM: Working lunch speaker:** "Building High-Performance Teams: The Importance of Diverse Collaboration"
- **1:00-4:00 PM:** Continued project development
- **4:00-4:30 PM:** Progress check-ins with mentors
- **4:30-5:00 PM:** Presentation preparation workshop
- **5:00-7:00 PM:** Dinner

Friday, August 1st - Final Presentations

- **8:00-10:00 AM:** Traditional breakfast buffet
- **9:00-9:20 AM: Speaker:** "Skills of the Future"
- **9:20-10:00 AM:** Final presentation preparation
- **10:00 AM-2:00 PM:** Team presentations (10 minutes each)
- **12:00-12:30 PM:** Working lunch
- **2:00-2:45 PM:** Awards ceremony
- **2:45-3:00 PM:** Closing remarks & next steps

Participant Demographics

- **Academic Focus:** CSU system students across various programs
- **Experience Level:** Mixed undergraduate and graduate students
- **Institution:** 4-year degree system within California State University

Camp Themes

- **Builder Mentality:** Hands-on problem-solving and creating solutions
- **Culture of Innovation in the Age of AI:** Embracing change and emerging technologies
- **Building Durable Skills:** Developing foundational capabilities that remain valuable as technology evolves
- **Leveraging AI to Augment Skills:** Using AI tools to enhance and amplify human capabilities

Daily Notes:

- Breakfast: 8:00-9:00 AM | Lunch: 12:00-1:00 PM | Snacks throughout day
- Technical support available 9:00 AM-9:00 PM
- Check-out: Friday 10:00 AM