



UNIVERSITY OF CALIFORNIA IRVINE
DIVISION OF CONTINUING EDUCATION
ADVANCED ARTIFICIAL INTELLIGENCE
SUMMER INSTITUTE PROGRAM

AUGUST 4 – 17, 2019

Tentative Two-Week Program Calendar (Dates, times, courses and field trip locations are subject to change)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
August 4 Participants Arrive Airport arrival and transport to UCI, lodging check-in WELCOME TO UCI!	5 Campus Tour and Orientation Welcome Lunch Teambuilding Activity	6 Introduction to Python (Lesson 1) Lunch Break Introduction to Artificial Intelligence (Lesson 2)	7 Advanced AI Mathematics (Lesson 3) Lunch Break Law and Ethics in Utilizing Analytics (Lesson 4) Group Project	8 Group Project Work Lunch Break Advanced Research Methods (Lesson 5)	9 Advanced Data Science (Lesson 6) Lunch Break Machine Learning Principles (Lesson 7)	10 FREE DAY
11 FREE DAY	12 Machine Learning Principles (Lesson 8) Lunch Break Deep Learning Models (Lesson 9)	13 Group Project Work Reinforcement Learning (Lesson 11) Lunch Break AI Application: Speech Recognition (Lesson 12)	14 AI Application: Natural Language Processing (Lesson 13) Lunch Break Group Project Work	15 Independent Group Project Work Lunch Break AI Application: Computer Vision Analysis (Lesson 14) Group Project Work	16 Capstone Project Presentations Awards Ceremony & Luncheon	17 Participants Depart Check out and prepare for airport transfer Thank you for coming to UCI!