



UNIVERSITY OF MISSOURI KANSAS CITY

SUMMER AI REMOTE PROGRAM

2023





UMKC is one of the well-known leaders in innovative education in the United States. The University of Missouri Kansas City campus, part of the University of Missouri system, is an international public research university. The UMKC School of Science and Engineering has strong research strength and received nearly \$47 million in research funding in 2021. In the field of computer science and engineering, UMKC School of Science and Engineering is a leading research institution in data and computer science. Its research includes top research projects from NASA, the Science Foundation, and the Federal Government. The Big Learning Center, funded by the National Science Foundation of the United States, is dedicated to cutting-edge research in the fields of big data, artificial intelligence and deep learning.

Anything related to:

- Program
- Application

Please feel free to contact us!

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Program Time

2023.7.17 - 2023.7.28 (2 weeks)

Program Fee

\$1260 (\$830 Scholarship)
\$430
(Special offer only open by June 11)

Application deadline

June 11, 2023

The 2022 International Artificial Intelligence Remote Summer Program attracted **58** students and instructors from Asia countries. Students from multiple Asian universities successfully completed five different AI projects, such as using deep learning and data analysis to identify people in a crowd who were not wearing masks.



Students participating in remote summer program will **receive:**

- UMKC international project certificate
- Grade report
- Prove of participation



Program Introduction

This course runs **two weeks** and aims to provide not only the overview of the field of Artificial Intelligence, but also the unique international practical opportunities for students. Program courses are delivered by UMKC professional faculties and practical projects are collaborated with assistant professors. Programs include courses, group discussions, group projects, tutoring, presentation, visits to global advanced laboratories, visits to campus, intercultural exchanges, and more. Students will learn about American student learning method, American local culture, American courses, American corporate culture and practices, the latest experimental environment of UMKC, and accumulate practical experience for future study abroad or employment and enhance international competitiveness.



Target Students

Computer Science, Software Engineering, Data Engineering, Electrical Engineering, Mechanical Engineering and Automatic

Course Abstract

Artificial intelligence is a new trend in computer science. By understanding the essence of intelligence, it produces an intelligent machine that can react in a similar way to human intelligence. Research in this field includes robotics, language recognition, image recognition, natural language processing, and Expert system, etc. Artificial intelligence is currently widely used in various frontier fields such as finance, medicine, games, music, industry, and transportation.

This course includes guided and unguided search, adversarial search, the generation and use of heuristics, logical programming, probabilistic reasoning, and neural networks. Applications include games, automated proofing, expert systems and data mining.



Course Schedule

Week 1	Course	Learning Method
Tuesday	Opening Ceremony and UMKC Campus Live Tour	Live Streaming
	AI Course: The concept of AI and AI application in different industries	Live Streaming
Wednesday	AI Course: Language recognition and image recognition	Live Streaming
Thursday	Project: Introduction and Team Building	Live Streaming
	Project: Team member introduction and Duty delegation	Team meeting and discussion
Friday	AI Course: Language Processing	Live Streaming
	Walk into Laboratory I: Understanding University level laboratories in the US	Live Streaming /Video
Week 2	Course	Learning Method
Monday	Project: Team Practice	Team meeting and discussion
	Project decision making and TA Q&A	Live Streaming
Tuesday	AI Course: Guided and unguided search, adversarial search	Live Streaming
	Walk into Laboratory II	Live Streaming/Video
	Project: Teamwork	Team meeting and discussion
Wednesday	AI Course: Generation and use of heuristic methods	Live Streaming
	Industry: The application and defects of AI in the Medical Field	Live Streaming
	Project: Teamwork	Team meeting and discussion
Thursday	AI Course: Probabilistic reasoning and neural networks	Live Streaming
Friday	Project Presentation	Live Streaming
	Result and Feedback from Instructor	Live Streaming
	Graduation Ceremony	Live Streaming

UMKC School of Science and Engineering

UMKC School of Science and Computer (SSE) has been accredited by one of the best colleges in the United States, Accreditation Board for Engineering and Technology (ABET). ABET is the most authoritative engineering certification organization in the world. At this moment, there are only 680 universities and colleges in 24 countries have been awarded the same accreditations. SCE focus on improving students' professional skills, career value and development potential. The bachelor and master degree programs are taught by world-class professors and lead students into cutting-edge research. Its scientific research level is among the best, and its scientific research projects include many high-precision and cutting-edge scientific research projects underway by NASA, the US Air Force, and the US Department of Transportation.

There are about 1,800 students in the School of Computer and Engineering. About 75% of the students get internship opportunities in technology and engineering-related companies near the campus during their studies, and 85% of the students get job opportunities immediately after graduation. Computer Science in the United States The average starting salary of professional graduates is US\$94,854.

Students Benefit on Remote Program

- Non Pre-recorded Course
- Real Time interaction between faculties and students

- Excellent teaching team
- Professional IT Back-up team to support live stream

Real-Time

Excellent Team

Live Stream Tour

Distance Learning

- Laboratories Live Stream Tour in VR/AR Lab, Drone Lab, Professional 3D Printing Lab.....

- Accumulation of future work experience
- Enhance international competitiveness

How to Apply:

Please download the application form through the link:

https://drive.google.com/file/d/1fb9e0NSFOzjeyCft7RGKAizUyqOG8KDx/view?usp=share_link

Submit it to: noviap@geveducation.com and CC to tianh@geveducation.com



Welcome to UMKC!

We are here
Waiting for YOU!