

东南大学 2022 年国际暑期学校项目介绍

Introduction of SEU International Summer School Program

项目主题

Theme

感受多元 AI 前沿技术

Experiencing Frontier Technologies of Artificial Intelligence

项目概述

Overview

本项目是由东南大学计算机科学与工程学院组织,通过开设人工智能领域计算机视觉、知识图谱、人机交互等方向的研讨课程及基础的专业阅读与写作课程,旨在培养学生人工智能方向学习兴趣及基本的科学研究能力。每门课程均包括理论部分、经典案例实践,由院内有长期海外学习和工作经历的老师为主授课,邀请海外相关领域知名专家联合授课。本项目共开设 4 门课程,每门课程 2 学分,项目实施时间为连续 4 周。项目拟向考核优秀的同学颁发荣誉证书。

This project is organized by the School of Computer Science and Engineering, Southeast University. It is designed for undergraduate students who are interested in artificial intelligence and basic scientific research and offers seminar courses in computer vision, knowledge mapping, human-computer interaction, and basic professional reading and writing courses in the field of artificial intelligence. Each course includes a theoretical part and case practice. This project will be jointly taught by our teachers with long-term overseas study and work experience and well-known overseas experts in related fields. There are 4 courses in this project, each course has 2 credits, and the period of this project is 4 weeks. This project plans to issue honorary certificates to students who have passed the examination

日程安排 (暂定)

Schedule (Draft)

项目主题介绍

	项目主题	主持教师	课程类型	面向专业	海外联合主讲教授
子项 1	机器视觉及应用	周毅	理论+实践+前沿应用专题 讲座	计算机学科及相 关工科专业	1.Prof. Huazhu Fu A*STAR, Singapore 2.Dr. Yuming Shen University of Oxford
子项 2	知识图谱及应用	吴天星	理论+实践+前沿应用专题 讲座	计算机学科及相 关工科专业	1.Prof. Guohui Xiao Free University of Bozen-Bolzano

					2.Prof. Yuan-Fang Li Monash University
子项3	感知与人机交互	丁玎	理论+实践+前沿应用专题 讲座	计算机学科及相 关工科专业	1.Dr. Ujwal Gadiraju Delft University of Technology 2.Dr. Junpei Zhong The Hong Kong Polytechnic University
子项4	专业阅读与写作	王帅	撰写学术报告+学术演讲	计算机学科及相 关工科专业	Prof. Guang Wang University of Florida State

Theme Introduction

	Theme	Teachers	Course Type	Majors	Co-lecturer overseas
Pro. 1	Computational Vision and Applications	Yi Zhou	1.Theoretical courses 2. Case Practice 3.Frontier Lecture	Computer science and Other related engineering majors	1.Prof. Huazhu Fu A*STAR, Singapore 2.Dr. Yuming Shen University of Oxford
Pro. 2	Knowledge Graph and Applications	Tianxing Wu	1.Theoretical courses 2. Case Practice 3.Frontier Lecture	Computer science and Other related engineering majors	1.Prof. Guohui Xiao Free University of Bozen-Bolzano 2.Prof. Yuan-Fang Li Monash University
Pro. 3	Human-computer Interaction	Ding Ding	1.Theoretical courses 2. Case Practice 3.Frontier Lecture	Computer science and Other related engineering majors	1.Dr. Ujwal Gadiraju Delft University of Technology 2.Dr. Junpei Zhong The Hong Kong Polytechnic University
Pro. 4	Professional Reading and Writing	Shuai Wang	1.Theoretical courses 2.Witing practice	Computer science and Other related engineering majors	Prof. Guang Wang University of Florida State

时间：2022.8.8-2022.9.4（周一至周六）

Time: 2022.8.8-2022.9.4（Mon. to Sat.）

地点：南京江宁东南大学九龙湖校区本科生教学楼

Place: School of Computer Science and Engineering, Southeast University (Jiulonghu campus), Jiangning, Nanjing

计划招生人数

Number of Participants

校内学生 150 名，国际学生 80 名

150 SEU students; 80 international students

申请要求

Application Requirements

专业：国外知名高校或国内双一流高校人工智能、计算机科学与技术、软件工程专业或者其他相关工科专业

Majors : Artificial intelligence, Computer science, software engineering, Other related engineering majors and systems from well-known universities all over the world

年级：大学本科二年级及以上

Grade: College sophomore or above

先修课程：JAVA/ Python / C++编程、机器学习、人工智能导论

Prerequisite: Any programming language of C++, Java, and python

Foundations of Machine Learning

Introduction to Artificial Intelligence

申请截止时间

Application Deadline

2022.7.10

主办/承办单位

Host & Organizer

东南大学计算机科学与工程学院

School of Computer Science and Engineering, Southeast University

联系人及联系方式

Contact Information

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