

Activities 2022-2023

Term 2

Celebrating the Arabic language (poetic debate)

Objectives

The competition helps raise the level of literary culture among students at the university and contributes to encouraging students to continue this rare and valuable interest in clarifying and demonstrating the beauty of the Arabic language in literature, on the occasion of International Arabic Language Day.

Date

21/12/2022.

Time

One hour.

Location

College of Computer Science and Information Technology.

Type of Activity

Community

Target Audience

All Students.

Organizers

Students club and Unit council.

Selected topics in machine learning

Objectives

1. Hyperparameter Optimization.
2. Feature Selection.
3. Ensemble Techniques.

Date

21/12/2022.

Time

Two hours.

Location

Zoom.

Type of Activity

Community

Target Audience

Artificial Intelligence camp participants

Organizers

Students club and Unit council.

Evaluate the machine learning path.

Objectives

1. Evaluate the level of progress of the participants.
2. Answering questions related to the machine learning path.
3. Build the first solution using machine learning.

Date

24/12/2022.

Time

Two hours.

Location

Zoom

Type of Activity

Community

Target Audience

Artificial Intelligence camp participants

Organizers

Students club and Unit council.

A security project to raise awareness of the dangers of the Internet.

Objectives

1. What is cybersecurity?
2. Protect your account from hacking.
3. Types of hackers.

Date

22/12/2022.

Time

Two hours.

Location

College of Computer Science and Information Technology (650 Building).

Type of Activity

Community

Target Audience

High school girls visit the College of Computer Science and Information Technology.

Organizers

Students club and Unit council.

Competitive Programming

Objectives

Preparing a number of students with competitive programming skills and experiencing university competition, and empowering students who are able to participate in the Saudi CPC programming competition.

Date

20/12/2022.

Time

Three hours.

Location

College of Computer Science and Information Technology (A11 Building).

Type of Activity

Community

Target Audience

Participants in a competitive programming camp.

Organizers

Students club and Unit council.

Neural network artificial intelligence camp

Objectives

1. Explanation of Database for deep learning.
2. Explain Hyperparameter Optimization.
3. Reasons for using them.
4. Show the benefits of using them.
5. Practical application of deep learning.

Date

26/12/2022.

Time

Two hours.

Location

Zoom.

Type of Activity

Community

Target Audience

Artificial Intelligence camp participants.

Organizers

Students club and Unit council.

Improve the performance.

Objectives

1. Learn about the deep learning model.
2. Explain how to build networks.
3. Explain the uses of neural networks.

Date

27/12/2022.

Time

Two hours.

Location

Zoom.

Type of Activity

Community

Target Audience

Artificial Intelligence camp participants.

Organizers

Students club and Unit council.

Deep Learning Artificial Intelligence Camp

Objectives

1. Defining what a neural network is.
2. Explaining the difference between deep learning and machine learning.
3. Explaining how data is arranged in deep learning.

Date

25/12/2022.

Time

Two hours.

Location

Zoom.

Type of Activity

Community

Target Audience

Artificial Intelligence camp participants.

Organizers

Students club and Unit council.

The Evaluation of deep Learning and computer vision

Objectives

An online test aimed at evaluating students participating in the Artificial Intelligence Camp in previous workshop lessons.

Date

30/12/2022.

Time

Two hours.

Location

Zoom.

Type of Activity

Community

Target Audience

Artificial Intelligence camp participants.

Organizers

Students club and Unit council.

Your opinion matters to us.

Objectives

A meeting that brings together students and department heads with the aim of effective communication between:

- Head of Networks and Communications Department.
- Head of Computer Science Department.
- Head of Computer Engineering Department.
- Head of Computer Information Systems Department.

Date

26-27 Dec 2022.

Time

One hour.

Location

Zoom.

Type of Activity

Community

Target Audience

All Students.

Organizers

Students club and Unit council.

Robotics training for children

Objectives

The College of Computer Science and Information Technology Club cooperated with the Robothink Center to provide training workshops within Science Week at the Dhahran Multinational School.

Date

11-12 Jan 2023.

Time

6 hours.

Location

Dhahran Multinational School.

Type of Activity

Community

Target Audience

Dhahran Multinational School.

Organizers

Students club and Unit council, Dhahran Multinational School & Robothink Center.

Meeting of the Computer Science and Information Technology Club and the Programming Club at Badir Club

Objectives

Planning upcoming joint activities targeting university students.

Date

19/1/2023.

Time

One hour.

Location

College of Computer Science and Information Technology (A11 Building).

Type of Activity

Community

Target Audience

Administrators of the college club, programming and initiative.

Organizers

Students club and Unit council.

The closing ceremony of the Artificial Intelligence Camp

Objectives

1. Distributing prizes to the first-place winners.
2. Providing certificates to all participants.
3. Announcing the names of competition winners for each track.

Date

19/1/2023.

Time

One hour.

Location

College of Computer Science and Information Technology (A11 Building).

Type of Activity

Community

Target Audience

Artificial Intelligence camp participants

Organizers

Students club and Unit council.

Book Swap Exhibition (ESTZID)

Objectives

1. Organizing a book swap exhibition (estzid).
2. A dialogue session to learn about the Literary Club.
3. A corner dedicated to the College of Computer Science and Information Technology Club to present books.

Date

17-18 Jan 2023.

Time

Two hours.

Location

College of Computer Science and Information Technology (A11 Building).

Type of Activity

Community

Target Audience

All Students.

Organizers

Students club and Unit council and Literary Club in the Eastern Province.

Competitive programming camp

Objectives

1. Review matrix concepts.
2. What is frequency matrix?
3. Matrix equation.
4. What is Prefix Sum?
5. Inquire about the cumulative total.

Date

17/1/2023.

Time

One hour.

Location

Zoom

Type of Activity

Community

Target Audience

Registered in the competitive programming camp.

Organizers

Students club and Unit council.

How to use LinkedIn effectively

Objectives

1. Introducing what LinkedIn is
2. Helping those interested to obtain new knowledge and gain experience.
3. Educating male and female students about the importance of LinkedIn.
4. - Explaining how to create an acquaintance network through LinkedIn.

Date

24\1\2023

Time

Two hours

Location

zoom

Type of Activity

Community

Target Audience

All students

Organizers

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A zero-trust journey through digital real estate

Objectives

1. Explaining the security challenges facing us currently
2. Explaining the customer journey in zero-trust
3. Explaining the principles of zero trust
4. Learn about the zero trust access control strategy

Date

24\1\2023

Time

1 hour

Location

zoom

Type of Activity

Community

Target Audience

All students

Organizers

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Introduction to Java (Making a Calculator)

Objectives

The first workshop of the “Introduction to Java” series, through which the Java language and its basics are introduced and a practical program is created..

Date

23\7\1444

Time

Two hours

Location

zoom

Type of Activity

Community

Target Audience

All students

Organizers

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Competitive programming camp, day four

Objectives

- 1- Explanation of the C series
- 2-Explanation of the function
- 3-Explanation of built-in functions

Date

24\1\2023

Time

Two hours

Location

College of Computer Science and Information Technology

Type of Activity

Community

Target Audience

Participants in a competitive programming camp

Organizers

-

How to build your idea better: designs, technologies and the 17 United Nations sustainability goals

Objectives

1. Explaining the solutions challenge.
2. Share the experiences of previous contestants.
3. Explaining sustainability goals.

Date

30\1\2023

Time

Two hours

Location

zoom

Type of Activity

Community

Target Audience

All students

Organizers

Cyberaware website

Objectives

1. Raising awareness about common cyber attacks.
2. Encouraging students to learn about different aspects of cybersecurity in a fun and interactive way
3. Providing guidance and resources for further development in the field of cybersecurity.

Date

29\1\2023

Time

Two hours

Location

zoom

Type of Activity

Community

Target Audience

All students

Organizers

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Competitive programming, day five

Objectives

4. Enhance competitive programming skills.
5. Enhancing problem-solving skills.
6. Training attendees on the largest possible number of programming questions.

Date

31/1/20223

Time

An hour and a half

Location

zoom

Type of Activity

Community

Target Audience

Participants in a competitive programming camp

Organizers

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Introduction to the Java language

Objectives

7. Conditional sentences
8. Matrices
9. Repetition sentences
10. Functions
11. practical application

Date

30\1\2023

Time

Two hours

Location

zoom

Type of Activity

Community

Target Audience

Those interested from inside and outside the university

Organizers

CTF Contest

Objectives

- 12. Applying a test to control the risks of electronic network attacks
- 13. Training male and female students to use cyber protection tools
- 14. Preparing male and female students for global cybersecurity competitions

Date

31/1/2023

Time

Two hours

Location

College of Computer Science and Information Technology, Student Section

Type of Activity

Community

Target Audience

CTF competition participants

Organizers

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Artificial intelligent bootcamp

Objectives

Holding a technical camp for 4 weeks to educate attendees in artificial intelligence technology.

Topics of workshops in the camp:

- Basics of programming for artificial intelligence

- Basics of data processing in machine language.

- Deep learning and computer vision Expanding the student's understanding of artificial intelligence techniques and how to implement them to solve real-life problems.

Training the student to be able to participate in competitions and hackathons related to artificial intelligence technologies

Date

4/12/2022

Time :One hour

Location: Zoom

Type of Activity : Lecture

Target Audience : College Students

Organizers: Students clubs and councils unit

Fintech Workshop

Objectives

- Introducing the financial technology sector and the development witnessed by this sector in the Kingdom.

- Explaining how important it is now to participate and enter the world of financial technology.

Date

07/12/2022

Time

2 hours

Location

College of Computer Science and Information Technology, Male Section

Type of Activity

Lecture

Target Audience

Everyone interested inside and outside the college

Organizers

Fintech Saudi

The competition of basic programming for AI

Objectives

A workshop aimed at evaluating students participating in the Artificial Intelligence Camp.

Date

2022/12/09

Time

2 hours

Location

College of Computer Science and Information Technology, Male Section

Type of Activity

Lecture

Target Audience

Students of computer science and information technology college

Organizers

Workshop 1 (Basic Python for AI)

Objectives

- Contributing to achieving the vision of His Highness the Crown Prince 2030
- Sharing scientific and accurate concepts in the specialty
- Training and enabling male and female trainees to apply some artificial intelligence techniques

Date

05/11/2022

Time

3 hours

Location

Zoom

Type of Activity

Lecture

Target Audience

Artificial Intelligence camp participants

Organizer: Students clubs and councils unit

AI Bootcamp – workshop 2 (Basics Python for AI)

Objectives

- Defining what an "Object" means.
- Deepening the concept of "Attribute" and "Methods"
- Explanation of the concept of "Access Modifiers"
- Explanation of the concept of "inheritance - Polymorphism"

Date

6/12/2022

Time

2 hours

Location

Zoom

Type of Activity

Lecture

Target Audience

College Students

Organizers : Students clubs and councils unit

Workshop 3 (Basics Python For AI)

Objectives

- Learn how to code efficiently with Pandas & Numpy.
- Get engaged with the image recognition world.

Date

12/7/2022

Time

2 and half hours

Location

Zoom

Type of Activity

Lecture

Target Audience

College Students

Organizers: Students clubs and unit council

Workshop 4 (Basics Python for AI)

Objectives

- **You prepare Python to develop a simple application.**
- **Defines and performs operations on simple data types.**
- **You write conditional statements and loops.**

Date

8/12/2022

Time

2 hours

Location

Zoom

Type of Activity

Lecture

Target Audience

College Students

Organizers

Students clubs and unit council

Administrative Committee officials meeting

Objectives :

- Clarifying the main tasks of the Administrative Committee
- Explaining the duties of officials
- Distribution of duties of officials

Date

10/12/2022

Time

One hour

Location

Zoom

Type of Activity

Lecture

Target Audience

Administrative Committee officials

Organizers

Students clubs and unit council

Organizing Committee officials meeting

Objectives

- Clarifying the main tasks of the organizing committee
- Explaining the duties of officials
- Distribution of duties of officials

Date

10/12/2022

Time

One hour

Location

Zoom

Type of Activity

Lecture

Target Audience

Organizing committee officials

Organizers

Students clubs and unit council

Data collection and extraction

Objectives

- Learn about methods of collecting and withdrawing data from various sources.

Date

. 2/12/2022

Time

2 hours

Location

Zoom

Type of Activity

Lecture

Target Audience

College Students

Organizers

Students clubs and unit council

Introductory meeting for the Google Club for Student Developers.

Objectives

Definition of Google Club for Student Developers.

Mention the most important achievements.

Mention the advantages of joining the Google Club for Student Developers.

State the objectives of each committee.

Date

11/12/2022

Time

One hour

Location

Zoom

Type of Activity

Lecture

Target Audience

Members of the Google Club for Student Developers

Organizers

Students club and unit council

Introductory meeting about professional certificates

Objectives

Reviewing the certificates required in the labor market and their importance to qualify the student.

Identifying the entities that provide benefits to college students.

Date

13/12/22

Time

One hour

Location

College of Computer Science and Information Technology (Male section)

Type of Activity

Lecture

Target Audience

All students

Organizers

Students Club and unit council

What does competitive programming mean?

Objectives

- Learn about competitive programming
- Problem solving skill
- Saudi CPC competition journey

Date

12/13/2022

Time

One hour

Location

Zoom

Type of Activity

Lecture

Target Audience

College Students

Organizers

Students club and unit council

Artificial Intelligence Camp

Objectives

- Making an intelligent connection between perception and action.
- Enabling machines to process information more closely in the same way as humans.
- Know how to apply different forms of artificial intelligence in the value chain.

Date

15/12/2022

Time

2 hours

Location

Zoom

Type of Activity

Lecture

Target Audience

Artificial Intelligence camp participants

Organizers

Students club and unit council

Data cleaning

Objectives

- Introduction to the term data cleaning
- Awareness of the importance of data cleaning
- Practical application

Date

3/12/2022

Time

2 hours

Location

Zoom

Type of Activity

Lecture

Target Audience

Artificial Intelligence camp participants

Organizers

Students club and unit council

Debate competition

Objectives

- Discussion between two opposing teams about “Does it require human resources employees to check the social networks of job applicants?”
- Vote for the best speaker from the discussants

Date

2/12/2022

Time

One hour

Location

College of Computer Science and Information Technology (Male Section)

Type of Activity

Lecture

Target Audience

College Students

Organizers

Students club and unit council

The concept of data representation and its importance

Objectives

- Explain how to process data.
- Explain how to fix common errors in databases.

Date

14/12/2022

Time

One hour

Location

Zoom

Type of Activity

Lecture

Target Audience

Students Enrolled in Artificial Intelligence Camp.

Organizers

Students club and unit council