

# CMSC 2123 Discrete Structures

## Lib Report

Due: See the due date in D2L calendar.

### **Assignment Description**

Write a summary of a paper which can be found in our digital libraries, i.e. IEEE (Institute of Electrical and Electronics Engineers) or ACM (Association for Computing Machinery). The original paper needs to be a full page with **at least 4 pages**, related to **any computer science topics that you are interested in**, e.g. self-supervised learning, autonomous vehicles, etc.

### **Formatting**

Please name your file in the format of lastName-firstName-CRN12345-r01 in pdf or doc(x), e.g. John-Smith-CRN21104-r01.pdf.

Please put your name, email in the header of the document.

Your summary should be at least one full page (**font size 13, single space between lines**), and consist of at least three parts. The first part is an abstraction including all the principle points of this paper, e.g. conclusion and major contributions, etc. The second part should be the body, explaining the key ideas of the paper. This part should be **at a certain depth**, so that the reader could catch the novelties and grab some details on implementation or experiments. You can have multiple paragraphs in this part. The last part is the concluding paragraph, including some ending analysis or future work for instance.

You can also add your own personal understanding or extended thoughts.

At the very end, please also list the reference of this paper, including the authors, name of the paper, publisher information, etc.

### **Access to the Databases**

You can find the entry to the databases on the main page of library through the link: <https://library.uco.edu/>

You can find the link to those databases from the circled part in Figure 1. The databases are indexed by their initials as showed in Figure 2. Since we need ACM and IEEE, you can find them in groups with initial A and I, respectively (see Figure 3 and Figure 4.) After you get the access to the databases, you can search papers by the key words of your

interests. Figure 5 shows how to search “game programming” in ACM library, and Figure 6 shows how to search “cloud computing” in IEEE library. **You may need to login with your UCO account to download the papers from these databases outside the campus network.**

## **Submission**

Please submit this report on D2L, along with a copy of original paper, i.e., the pdf file downloaded from our digital databases. For the original paper, please **rename it with the full name of this paper.**

## **Grading**

- Format: 30%
- Summary content organization, e.g. key points coverage, depth of the content: 50%
- Grammar: 20%



Library: 7:30am - 2am | Special Collections: 8am - 5pm | Innovation Studio: 10am - 8pm | All Hours

#### Services

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#### Library News & Events

Upcoming Events:

- [Basement Book Sale](#)  
9:00am - 4:00pm Wednesday, February 26, 2020
- [How to Spot Junk News](#)  
11:00am - 12:00pm Monday, March 2, 2020
- [How to Avoid Plagiarism](#)  
2:00pm - 3:00pm Monday, March 2, 2020

Figure 1


304 DATABASES Search for Databases GO

All Subjects All Database Types All Vendors / Providers

ALL **A** B C D E F G H **I** J K L M N O P Q R S T U V W X  
Y Z #

**27 Databases found for A** CLEAR FILTERS/BROWSE ALL DATABASES

**A**

**A to Z Databases - Business Directory and Job Search**   
Alternative Name(s) & Keywords: AtoZ  
AtoZdatabases is a job search, reference and mailing list database including 30 million business and executive profiles and 240 million residents. Ideal for sales leads, mailing lists, market research, employment opportunities, and finding friends and relatives.  
[Chambers Library Career & Job Research Guide](#)  
[UCO Career Development Center](#)






**A to Z the World - Country Profiles**   
Alternative Name(s) & Keywords: AtoZ the World;  
In-depth information on 175 countries, including categories on Culture and Society, Food and Recipes, Language Video Dictionary, Royalty-free Maps, Royalty-free Images, National Symbols, Business Culture, Music, Education.  
[Features for each country](#)

Figure 2

**Academic Search Premier**   
Multidisciplinary, general database covering most academic topics.  
[How to search an Ebsco database](#)  
[Research Guides by Subject](#)

**Accessible Archives**   
Scanned copies of primary materials covering American history and culture, primarily from the 18th and 19th centuries.  
[How to search Accessible Archives](#)

**ACM Digital Library (Association for Computing Machinery)**   
Full text articles from 15 computer science periodicals.

**ACS: American Chemical Society**   
Full text articles from current 3 years for approximately 40 American Chemical Society periodicals.  
All accessible articles will say "Subscriber Access." The library does not have access to the ACS Archives and articles older than 3 years may be in archival collection.


**Agricola**   
Covers agriculture and allied disciplines: animal and veterinary sciences, entomology, plant sciences, forestry, fisheries, farming, agricultural economics, food and nutrition, and earth and environmental sciences.  
Contains two databases: The National Agricultural Library (NAL) and The Article Citation Database

Figure 3

**IBIS World: Industry Reports** [↗](#)

**Alternative Name(s) & Keywords:** IBISWorld; IBISWorld Industry Reports; IBIS World Industry; IBISWorld Industry

Analyzes industry sectors by NAICS number at the 5-digit level. Each report consists of 30 to 40 pages of key statistics and analysis on market characteristics, operating conditions, current and forecast performance, major industry participants, risk ratings, and more.

**IEEE/IET Electronic Library (IEL)** [↗](#)

Full-text access to documents available through the **IEEE** Xplore digital library. Contains almost one-third of the world's current literature in electrical engineering, communications, and computer science.

**Image Quest** [↗](#)

Provides more than 2 million copyright-cleared images from over 50 of the best collections in the world. Images may be used freely for educational purposes.

**Index Islamicus** [↗](#)

Covers publications on Islamic subjects from 1906 to the present, from 3,000 journals and also conference proceedings, monographs, multi-authored works and book reviews. The scope includes the Middle East, the Muslim areas of Asia and Africa, plus Muslim minorities elsewhere in the world.

[How to search a ProQuest database](#)

Figure 4

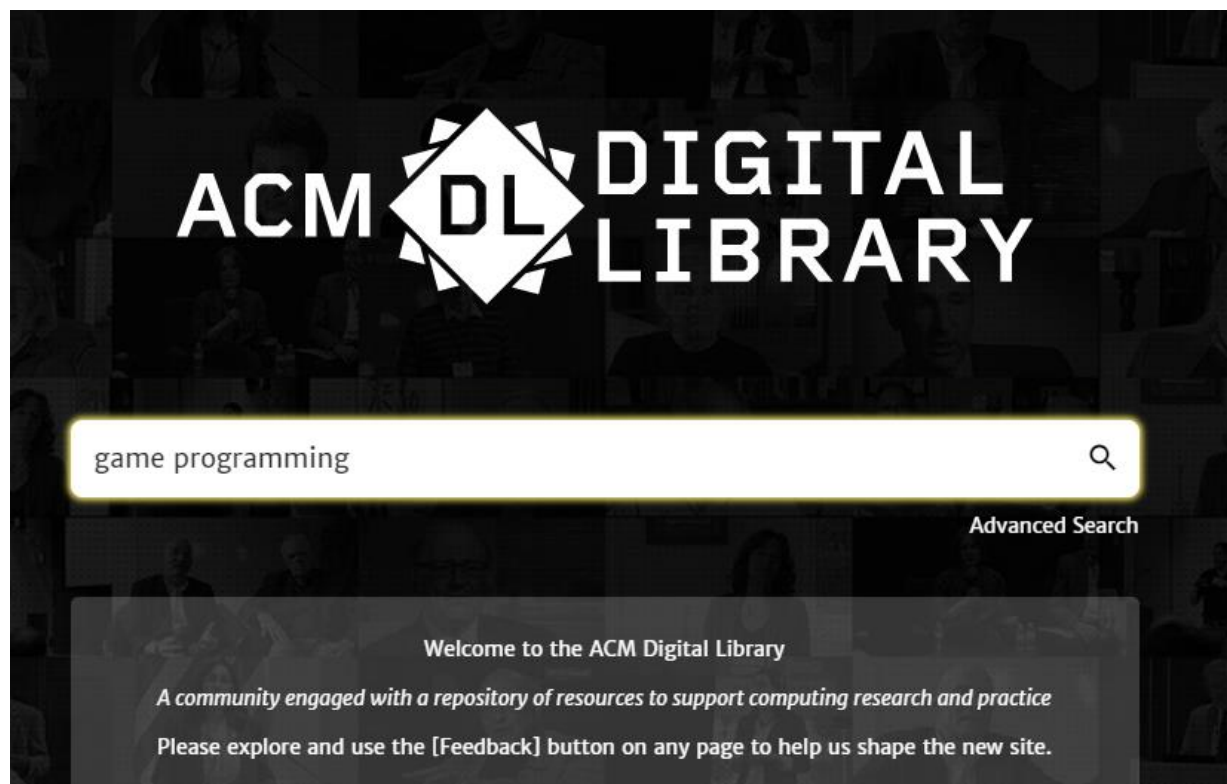


Figure 5

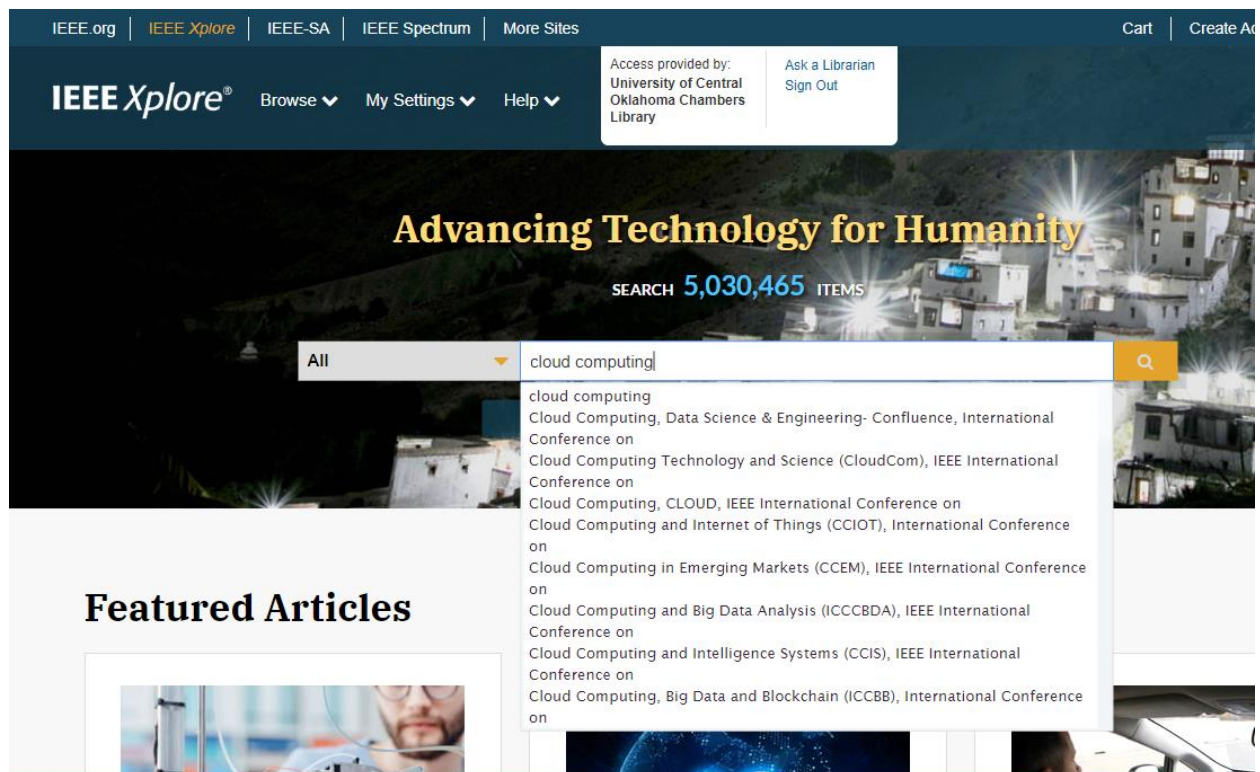


Figure 6