



Norah Dhaifallah Alotaibi

Contact

 Saudi Arabia - Majmaah

 norah.d@mu.edu.sa

Personal Information

Nationality : Saudi
Status: Single
Date of Birth: December 29,1994

Education

June 2020 Master of Science in Informatics.
Qassim University, Almalida, Saudi Arabia
With an " Excellent " Grade

May 2017 Bachelor of Science in Information Technology - Web and Multimedia Applications.
Majmaah University, Majmaah , Saudi Arabia
With an " Excellent " Grade

Academic Experience

March 2021 - Present **Lecturer**
College of Computer and Information Sciences
Majmaah University, Saudi Arabia

Dec. 2019 - March 2021 **Teaching Assistant**
College of Computer and Information Sciences
Majmaah University, Saudi Arabia

Volunteer Experience

May 2019 - Present Ehtwa volunteering team
Majmaah , Saudi Arabia

Honors

Fall 2016 Dean's List
2017 First Class Honor

Languages

Arabic ● ● ● ● ●
English ● ● ● ● ●



Projects

- **Dy-DOCNet:** This project introduces a novel model called Dy- DOCNet to follow the evolution of overlapped communities in dynamic social networks. We have adopted a model called DOCNet (Detection of Overlapping Communities in Networks) that was developed by my supervisor, Dr. Delel Rhouma, to manage dynamic networks. Our model efficiently incorporates historic clustering results from the previous time-step into the current time-step. Therefore, it can be considered an evolutionary technique. We have tested our method using an experiment on both synthetic and real networks and compared it with a well-known algorithm called iLCD. Experimental results showed that our method has achieved the highest results in synthetic and real networks compared with iLCD.
- **Comparison Between Weka and RapidMiner:** we conducted research to compare Weka and RapidMiner, two different data mining tools. Two algorithms used for classification were chosen for each tool, Random Forest and Naive Bayes. We discovered that the most accurate classification was achieved using Weka
- **Face Recognition Techniques for Animals:** Face recognition is one of the most popular applications of image analysis. It has received significant attention from the research communities. For this experiment, we focused on animals instead of humans, for that, we develop software for recognizing the face of some animals. Python and OpenCV have been used for the implementation.
- **The Students World:** For my graduation project, my colleagues and I have created a website that allows University students to share their opinions and proposals using PHP, HTML, CSS, and MySQL.

Publications

- N. Alotaibi and D. Rhouma, A review on community structures detection in time evolving social networks, Journal of King Saud University – Computer and Information Sciences, <https://doi.org/10.1016/j.jksuci.2021.08.016>
- Alshammari, A., Alhadeaf, H., Alotaibi, N., Alrasheedi, S. and Prince, M. (Mar 2019) 'The Usability of HCI in Smart Home', IRJET, 06(03).
- Alshammari, A., Alotaibi, N., Alhadeaf, H. and Alrasheedi, S. (May 2019) ' Cloud-Based Naive Bayes Classifier for Dynamic Design to Support Usability for Smart Homes Apps', IRJET, 06(05).

Participations

- 2019 Graduate Studies Forum
Qassim University , Saudi Arabia
- 2012 Physics Olympiad
First place at the school level
Majmaah , Saudi Arabia

Attended Courses

- FROM REDHAT:
 - RH066x: Fundamentals of Red Hat Enterprise Linux
- FROM ICSI,UK (INTERNATIONAL CYBERSECURITY INSTITUTE) :
 - ICSI | CNSS Certified Network Security Specialist
- FROM MICROSOFT IMAGINE ACADEMY :
 - Developing in HTML5 with JavaScript and CSS3 Jump Start
 - Networking Fundamentals.
- FROM CISCO NETWORKING ACADEMY :
 - Introduction to the Internet of Everything course.
 - Introduction to Cybersecurity course.
- FROM HAIL CHAMBER:
 - Cybersecurity skills
 - Modern applications and digital content
 - Smartphone Application Development
 - Data analysis and its most important tools
 - Protection in time of intrusions
- FROM ATTA DIGITAL:
 - Information classification and protection policy
- FROM MAJMAAH UNIVERSITY:
 - Structuring your Manuscript to Impress Journal Editors

Skills

Technical Skills:

- Adobe Photoshop.
- Programming languages | C++ , Java
- RapidMiner Studio.
- Microsoft Office apps.

Non Technical Skills :

- Doing works with timely manner.
- Ability to follow directions and meet new challenges.
- Ability to work independently or as a part of a team