

LinkedIn: www.linkedin.com/in/khalid-h-alnafisah

# Khalid H. Alnafisah

K.S.A +966 (505) 172345

<u>kalnaf1@lsu.edu</u>

Permanent Address 4636 Tigerland Ave Baton Rouge, Louisiana 70803, U.S.A

#### **OBJECTIVE**

To have a xxx in the Computer Science Program at xxx. To secure a position where I can efficiently contribute my skills and abilities to the growth of the organization and build my professional career.

#### ACCOMPLISHMENTS

#### PATENTS (U.S.A & Europe)

Louisiana State University (LSU)

Baton Rouge, Louisiana 70803

**School Address** 

U.S.A

	US8825229 B2 US8976022 B2 US9212606 B2 US10093416 B2 European Patent Office European Patent Office European Patent Office European Patent Office European Patent Office	Sep 2, 2014, Grant Mar 10, 2015, Grant Dec 15, 2015, Grant Dec 15, 2017, Grant Sep 2, 2014, Grant Mar 10, 2015, Grant Dec 15, 2017, Grant Dec 15, 2017, Grant January 01, 2015, Grant
EXPERT		
<ul> <li>Judge at MITEF Saudi</li> <li>Judge at IIC, MIT</li> <li>Judge at Google</li> <li>Highly regarded experi</li> </ul>	t at the IEEE Access ach at English Lunge at Louisiana State University, awaasen)	December 2017 to December 2021 June 5-July 10 2019 August 2018 from 2014 to Present
Ph.D Degree in Computer Science (AI with applications to environment and healthcare)January 2023Louisiana State University and A&M College (LSU), Louisiana, U.S.GPA: 3.562 of 4.0 with 56 credits of 56 Requirement creditsDissertation: A Machine Learning Framework for Understanding Satellite and Medical Imagery		
Gannon University, PA, U. <u>GPA:</u> 3.76 of 4.0	Computer and Information Science (Information S. S. ution for the Hair Ball Problem in Data Visualization	•
Bachelor of Science Degree in Grambling State University <u>GPA:</u> 2.85 of 4.0 with 232	y, Grambling LA, U.S.	May 2013

High Diploma in Computer Science (Communication and Computer Networks)	July 2006
King Saud University, Riyadh, Saudi Arabia. GPA: 4.24 of 5.0 K.S.A – 3.18 of 4.0 U.S.A	
Course in Nanotechnology, Coursera (Online)	May 2015
Course in R Programming, Coursera (Online)	May 2015
ELS Language	August 2007 – May 2009
Chemical Hygiene Plan and Lab Safety, University of Wisconsin-Milwaukee	September 2016
Software Engineering, East Stroudsburg University, USA	Fall 2013
Applied Computer Cryptography, East Stroudsburg University, USA	Fall 2013
Introduction to Research, East Stroudsburg University, USA	Fall 2013
Computer Architecture, University of Colorado at Colorado Springs. USA	Spring 2018
2023 Power-based Violence Prevention & Response Training, LSU, USA	October 2023
Nano Tips to Speak Up in Meetings course, LinkedIn	December 2023
Moving DEI from Intention to Impact course, LinkedIn	December 2023
Problem-Solving Techniques course, LinkedIn	December 2023
Tableau, Tuwaiq Academy	April 2024

## CONFERENCES

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<ul> <li>World Intellectual Property Organization (WIPO)</li> <li>The 18th International Conference on Artificial Intelligence and Statistics</li> </ul>	May 2014 May 2015
• 2016 IEEE/ACM TCF Information Technology Professional Conference (Spe	aker) March 2016
• International Conference on Sustainable Design, Engineering and Construction	m ( <b>Speaker</b> ) May 2016
The Cooperative Society of Moringa & Desert Plants	December 2016
• The role of universities in Saudi Arabia on activating the vision of 2030, Qassi	im University January 2017
• Live Webcast: Fakeeh.Care Group & Hospitals A Hub of Excellence and of Ca	areer Growth for Graduates
of All Majors	February 2017
<ul> <li>Drafting Patents (Inventors of the homeland), KACST</li> </ul>	April 2017
Student Leadership Conference, University of Colorado Colorado Springs	November 2017
• IEEE Computer Society Visualization and Graphics (VIS 2018)	Under the processing 2018
• IEEE UEMCON 2019	October 2019
• IEEE 6th World Forum on Internet of Things, New Orleans, Louisiana, USA	5-9 April 2020

# WORKSHOP

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<ul> <li>Drafting Patents (specialized workshop), KACST</li> <li>Drafting Patents (specialized workshop), Badir Program for Technology Incubators</li> <li>Research Presentation Skills Workshop, University of Colorado Colorado Springs</li> <li>Designing a Research Poster Workshop, University of Colorado Colorado Springs</li> <li>The Basics of Decoration and Home Decoration, Qassim University</li> <li>Data Analysis, Saudi Academics</li> <li>User Experience (UX), KACST</li> <li>Drafting Patents (specialized workshop), Badir Program for Technology Incubators</li> <li>Data Analysis And Visualization "BI", QIYAS</li> <li>Effective Leadership Online Training</li> <li>Open-Source Workshop, Parmg Group</li> <li>Applied Machine Learning at Scale, Riyadh Data Geeks</li> <li>Post-Hadoop Big Data Technologies, Riyadh Data Geeks</li> <li>Teaching and Classroom Management</li> <li>Misk Future Path</li> </ul>	May 2014 August 2016 November 2017 November 2017 December 2017 February 2018 September 2108 September 2018 November 2018 November 2018 November 2018 November 2018 November 2018 November 2018 November 2018 November 2018
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•	Investment and Data Science, QIYAS	April 2019
٠	Winner at Boot Camp at Badir, Saudi Arabia	Juley 2019
٠	How to visualize your love of music, Tableau	Juley 2019
٠	University Teaching, LSU, US	August 2019
•	Training Topic: Introduction to Linux	September 2019
•	HPC User Environment, Linux	September 2019
•	Basic Shell Scripting, Linux	September 2019
•	Volunteer Management, Saudis in USA	April 2020
•	How to use LinkedIn effectively and attract recruiters, Saudis in USA	April 2020
•	The art of article writing, Saudis in USA	May 2020
•	Introduction to iPhone Application Programming, Saudis in USA	May 2020
٠	Innovation Captains, Ibn Khaldun Fellowship at MIT	May 2020
•	Future Path Career Essentials, Misk, Saudi Arabai	May 2020
٠	The Leader's Strength, Saudis in USA	June 2020
•	Legal Student duties in the US, Saudis in US	June 2020
•	Reasons why students avoid communicating with his/her research advisor, Saudi Acader	nics (Rawaasen),
	(Speaker)	January 2021
•	Intellectual property from a technical perspective, SAIP	May 2023
•	Research Expo, Saudis in US	November 2023
•	Misk Fellowship_1	December 2023
•	Misk Fellowship_2	December 2023
•	Introduction to professional certificates, SACM, USA	January 2024
•	Patent registration procedures (National/American registration), Saudis in US	February 2024
•	How to Read Scientific paper, Almustaqbal Society	March 2024
•	Researcher and Advisor Relationship in Graduate Studies, Saudis in US	February 2024
•	Introducing professional certificates, HRDF, KSA	January 2024
•	Basics of statistics, PASDS, KSA	April 2024
•	Data visualization by R, PASDS, KSA	April 2024
•	Analyze data using Excel, PASDS, KSA	May 2024
•	Machine Learning – Logistic Regression Models, PASDS, KSA	May 2024
•	Machine Learning – Machine learning - linear regression, PASDS, KSA	June 2024
•	Machine Learning – The Basics of Tableau, PASDS, KSA	June 2024
•	Machine Learning – Design questionnaires, PASDS, KSA	June 2024
•	Introduction to R, PASDS, KSA	June 2024
•	Introduction to operations research, PASDS, KSA	June 2024
•	Excel Power Query, PASDS, KSA	June 2024
•	An introductory for the activity of an agent providing intellectual property services, SAI	
•	Intro. to Python, SAIP, KSA	June 2024
•	Decisions Analysis, SAIP, KSA	June 2024
•	Researcher and Advisor Relationship in Graduate Studies (speaker), NBU	September 2024
•	Introductory workshop on the skills registers, NBU	~optender 2024
•	Research Ethics, NBU	October 2024
•	Academic and social integration in the country of study, Saudis in USA (speaker)	November 2024
	SEMINARS	

Millibottlenecks and Their Impact on Cloud Application Performance, LSU, USA	2019
• True Novelty in Big Data Research: The LITMUS Experience and Research Opportunities, LSU	2019
• Recent Advances in IOT & M2M Security: Trends and Future Directions, LSU, USA	2019
• Stress and Hacking: Understanding Cognitive Stress in Tactical Cyber Operations, LSU, USA	2019
<ul> <li>Projector-Camera Systems for Light Transport and NLOS Imaging, LSU, USA</li> </ul>	2019
Millibottlenecks and Their Impact on Cloud Application Performance, LSU, USA	2019
Deep Distributional Temporal Difference Learning for Board Games, LSU, USA	2020
Optimizing Distributed Machine Learning with Reinforcement Learning, LSU, USA	2020
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Optimizing Distributed Machine Learning with Reinforcement Learning, LSU, USA	2020
<ul> <li>Self-Adaptive Wireless Systems Through Real-Time Deep Spectrum Learning, LSU, USA</li> </ul>	2020
<ul> <li>Self-Adaptive Wireless Systems Through Real-Time Deep Spectrum Learning, LSU, USA</li> </ul>	2020
<ul> <li>Towards Secure and Privacy-Preserving Crowd Sensing in the Internet of Things, LSU, USA</li> </ul>	2020
<ul> <li>Seeing the Unseen: "Invisible, LSU, USA</li> </ul>	2020
<ul> <li>Synthesis of Geometry Proof Problems, LSU, USA</li> </ul>	2020
<ul> <li>What we miss if we don't talk to people: Understanding users' diverse and nuanced privacy need</li> </ul>	
Towards Expressive Bimanual Interfaces, LSU, USA	2021
• Amplifying the Griot: Frameworks for Respectful Technology to Support Underrepresented Sto	
Human-XR Interaction: Challenges and Opportunities, LSU, USA	2021
• Throwing God's Dice! LSU, USA	2021
Modern Mainframe Security, LSU, USA	2022
• From Data to Decision in Smart and Connected Communities, LSU, USA	2022
<ul> <li>Protecting Cyber Security and Privacy via Unobtrusive Sensing, LSU, USA</li> </ul>	2022
Mobile Security and Privacy: A Case Study of the Android Platform, LSU, USA	2022
• Exploring Immersive Virtual Reality (OR Metaverse?) Security And Forensics, LSU, USA	2022
• Understanding the Effect of Arbitrary Participation in Federated Learning, LSU, USA	2022
• Introspective Learning: Learning from Users, Data, and Networks, LSU, USA	2022
Cross-Platform Data-Driven Security and Privacy Analysis in Emerging System, LSU, USA	2023
Identifying and Understanding Performance Problems in Software Systems, LSU, USA	2023
Use-Inspired Research, LSU, USA	2023
<ul> <li>Information Dynamics: Observation, Identification, and Response, LSU, USA</li> </ul>	2023
<ul> <li>Analysis and Optimizations for Mobile Aps, LSU, USA</li> </ul>	2023
Human-centered Technologies for Inclusive Collection and Analysis of Public-Generated Data,	LSU 2023
Foundations of Practical Privacy: A Multifaceted Way to Think About Privacy and Utility, LSU	
Inferring and Attributing Internet-scale IoT Infections by Leveraging Large-scale Empirical Dat	
<ul> <li>A Multidisciplinary Perspective on Sound Perception and Development, LSU, USA</li> </ul>	2023
High-performance, Cross-platform Vetting of the Closed-source Software Ecosystem, LSU, US	
RDMA at Hyperscale: Experience and Future Directions, LSU, USA	2023
Do I Belong? Modeling Sense of Virtual Community Among Linux Kernel Contributions, LSU	
Intelligent Serverless Computing Systems, LSU, USA	2023
Impact of Residual Data, LSU, USA	2023
• Modern and Emerging Frontiers in Deep Learning for Security and Defense, LSU, USA	2023
• The Future is Here: Robot Programming and the Next Industrial Revolution, LSU, USA	2024
• Security Assurance of Microelectronics Against Physical Attacks: The Last Line of Defense, LS	
• The Use and Abuse of Social Media, LSU, USA	2024
• Types and Metaprogramming for Correct, Safe, and Performant Software Systems, LSU, USA	2024
Explicit Programming Strategies, LSU, USA	2024
<ul> <li>Hardware-assisted Packed Malware Analysis, LSU, USA</li> <li>Contact Aware Models for Automatic Source Code Summarization, LSU, USA</li> </ul>	2024
<ul> <li>Context Aware Models for Automatic Source Code Summerization, LSU, USA</li> <li>Combined Knowledge and Date Driven Safety Assurance in Cyber Physical Systems, USU, US</li> </ul>	2024 SA 2024
• Combined Knowledge and Data Driven Safety Assurance in Cyber-Physical Systems, LSU, US	DA 2024

# **COMPETITIONS**

(Hackathon) NASA Space Apps Riyadh, Saudi Arabia	April 2017
<ul> <li>Judge for the 3rd Edition of the MIT EF Saudi Competition</li> </ul>	December 2017
Judge in Google for Hajj Hackathon	August 2018
MIT IIC Judges	June 5-July 10 2019
Winner at Boot Camp at Badir, Saudi Arabia	Juley25-29 2019

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#### **THESIS & DISSERTATION**

Ph.D. Dissertation: A Machine Learning Framework for Understanding Satellite and Medical Imagery
December 2023
 M.S. Thesis: An Algorithmic Solution for the "Hair Ball" Problem in Data Visualization May 2016

#### **WEBINAR**

•	Data Analysis, Saudi Academics	February 2018
•	Professional Certification, Information Management career, Riyadh Data Geeks	December 2018
•	Shane Snow on Storytelling, LinkedIn	December 2016
•	Reid Hoffman and Chris Yeh on Creating an Alliance with Employees, LinkedIn	December 2016
•	Gretchen Rubin on Creating Great Workplace Habits, LinkedIn	December 2016
•	Sallie Krawcheck on Risk-Taking, LinkedIn	December 2016
•	Betty Liu on Career Success, LinkedIn	December 2016
•	Charlene Li on Digital Leadership, LinkedIn	December 2016
•	Sramana Mitra on Bootstrapping, LinkedIn	December 2016
•	Neil Blumenthal on Branding, LinkedIn	December 2016
•	Fred Kofman on Managing Conflict, LinkedIn	December 2016
•	Managing Your Time, LinkedIn	December 2016
•	On Becoming a Moral Leader, LinkedIn	December 2016
•	J.T. O'Donnell on Making Recruiters Come to You, LinkedIn	December 2016
•	Gary Hamel on Busting Bureaucracy, LinkedIn	December 2016
•	Influencer Interview: Oprah Winfrey, LinkedIn	December 2016
•	Powerless to Powerful: Taking Control, LinkedIn	December 2016
•	New Manager Fundamentals, LinkedIn	December 2016
•	Organizational Learning and Development, LinkedIn	December 2016
•	Branding, design matters, and personal work, LinkedIn	December 2016
٠	Debbie Millman on Branding, Design Matters, and Personal Work, LinkedIn	December 2016
٠	How to Hire, Retain, and Grow Top Millennial Talent, LinkedIn	December 2016
•	Where to Focus: Weaknesses or Strengths? LinkedIn	December 2016
•	Following companies and influencers, LinkedIn	December 2016
٠	Learning LinkedIn, LinkedIn	December 2016
٠	Yo Santosa, Branding Expert, LinkedIn	December 2016
٠	John Maeda on Design, Business, and Inclusion, LinkedIn	December 2016
٠	Focus on Your Skills, LinkedIn	January 2017
٠	Up and Running with LinkedIn, LinkedIn	January 2017
٠	Content Marketing Fundamentals, LinkedIn	January 2017
٠	Darin McGowan: The storyboard artist's life, Linke	January 2017
•	Why Mentoring Matters, LinkedIn	January 2017
٠	Women in STEM, LinkedIn	January 2017
٠	Live Webcast: Understanding the Metrics that Drive Real Business Impact, LinkedIn	January 2017
٠	Jeff Weiner on Establishing a Culture and a Plan for Scaling, LinkedIn	February 2017
٠	Betsy Corcoran on Choosing the Right Technology for Your, LinkedIn	February 2017
٠	Bill George on Self Awareness, Authenticity and Leadership, LinkedIn	February 2017
٠	Live Webcast: How Millennials are Building their Personal Brand on LinkedIn, LinkedIn	February 2017
•	Danny Sullivan on SEO, LinkedIn	February 2017
٠	Jodi Glickman on Make 'Em Love You at Work, LinkedIn	February 2017
٠	Social Selling Foundations, LinkedIn	February 2017
•	Writing to be Heard on LinkedIn, LinkedIn	February 2017

WORK HISTORY		
•	Misk Skills	May 2021
•	The Joy of Functional Programming (for Data Science), ACM	June 20 2019
•	Agile Data Science and Large-Scale Machine Learning in Production, ACM	June 4 2019
•	Python, Saudi Codes	September 2018
•	5G Service-based Architecture (SbA): Evolution toward IT-centric practices	September 2018
•	Misk Fullbridge U	July 2018
•	Natural Language Processing and Computational Linguistics, ACM	May 2018
•	Virtualization: Transforming broadband access business with software, IHS Markit	January 2018
•	The Basics of Decoration and Home Decoration, Qassim University, K.S.A.	December 2017
•	Data Analyst Nanodegree Program, udacity, K.S.A.	July 2017
	Security Model	April 2017
٠	Live Webinar: How Blockchain Technology is Transforming Business, Governments,	Computing, and
•	Live Webinar: Your LinkedIn Content Marketing Tactical Plan, LinkedIn	April 2017
•	Live Webinar: 2017 LinkedIn Marketing Solutions Product Updates	March 2017
٠	Webcast: Simple, Functional Programming with Clojure, ACM	March 2017
٠	Building an Online Community, LinkedIn	March 2017
٠	Esther Dyson on Cultivating Health at Scale, LinkedIn	March 2017
٠	Developing a Style Guide, LinkedIn	March 2017
٠	Data-Analysis Fundamentals with Excel, LinkedIn	March 2017
٠	Creating Interactive Presentations with Shiny and R, LinkedIn	March 2017
•	Data Science and Analytics Career Paths and Certifications, LinkedIn	March 2017
•	Business Etiquette: Phone, Email, and Text, LinkedIn	March 2017
٠	Live Webcast: What's new with LinkedIn for Higher Education? LinkedIn	March 2017
•	Live Webcast: Best Practices for Data Protection and Regulatory Compliance, IEEE	February 2017
٠	Live Webcast: Pushing the Boundaries of Design and Manufacturing, IEEE	February 2017

Academic Service- Learning 180 Hours service learning.	2011-21013	
Saudis in USA (website) Founder and Director of Patent, Saudis in USA	February, 2012	
Robotics Club (GUBotDev), Gannon University, PA, USA Work Title: Octocopter Project (OP) Judge for the 3rd Edition of the MIT EF Saudi Competition	August 2014 – May 2016 December 2017	
suge for the stu Europh of the wirt Er Saudi Competition	December 2017	
Judge in Google for Hajj Hackathon	July 2018	
Highly regarded expert in the IEEE	2014 to Present	
Rawasen (Group admin), Saudi Academics	2019 to Present	

#### **TECHNICAL SKILLS**

**Robotics Programming & build:** Building the robotics and programming with VEX CV2&4.

**Hardware:** UNIX • Telecommunications • Local Area Networks (switch)• Wide Area Networks (router) • Communication Networks (access point).

Software: Operating Systems • HTML• Database • Communication Systems • Development of internet Application. Languages: HTML • Visual Basic • Python • R Language • Wireless Markup Language • MATLAB • LeTax • NodeXL Excel • WML VEX C4 Robotics • Gephi Programming.

**Networking:** Local Area Networks • Wide Area Networks • Telecommunications • Communication Networks & Structure of network.

#### **KEY RESPONSIBILITIES HANDLED**

- Proficiency using Mac Office 2011.
- Excellent interpersonal and communication skills.
- Fluency in spoken and written English and Arabic.
- Ability to work well with a range of people.
- Organization skills
- Teamwork
- Excellent written and verbal communication skills
- Excellent presentation skills
- Originality and creativity.
- Good teaching skills.
- Good communication and interpersonal skills.
- Good oral and presentation skills.
- Confidence, diplomacy, and tact.
- Flexibility.
- Patience
- Problem-solving skills.
- Organizational skills and the ability to meet deadlines.
- The ability to work with people from a wide range of backgrounds and of all ages.
- The ability to motivate students.
- The ability to maintain professional standards at all times.
- Proficiency using analysis Requirement and Project Management.
- Excellent interpersonal and communication skills.
- Fluency in spoken and written English (Advanced) and Arabic (Native).

#### **PROJECTS**

<b>Course of Architecting Enterprise Information Systems (GCIS 646),</b> Gannon Univer <u>Project Title:</u> Admission Modeling and Academic Modeling	sity, PA, USA Fall 2015
<b>Course of Statistical Computing (GCIS 523)</b> , Gannon University, PA, USA <u>Project Title:</u> DNA Sequence Statistics and Dengue Virus Genome Sequence by R	Fall 2014
Robotics Club (GUBotDev), Gannon University, PA, USA <u>Project Title:</u> Octocopter Project (OP)	August 2014 to May 2016
Course of Requirement and Project Management GCIS 514, Gannon University, PA <u>Team size:</u> one person. <u>Role Played:</u> Analyze requirements, built, developed and revised documents. <u>Project Title:</u> Octocopter Project (OP) <u>Scope:</u> This project outlined the design of drone with eight arms (Octocopter).	, USA December 2014
Course of Software Development CS405, Grambling State University, LA <u>Team size:</u> Two people <u>Project Title:</u> CURIOSITY Project <u>Role Played:</u> Implement, design and build. <u>Scope:</u> This project outlines the design of a small car, camera and sensors	May 2013
Local Area Networks Project, King Saud University, Riyadh, K.S.A Team size: one person. Project Title: Access Points in The Hole Mosque in Mecca City, K.S.A Scope: Access Points.	2005

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Wide Area Networks Project, University, Riyadh, K.S.A Team size: one person. Project Title: Transmitters Towers in The Hole Mosque in Mecca City, K.S.A Scope: Transmitters Towers.	2006
Scope: Transmitters Towers. Space Apps Challenge Saudi Arabia, hackathon led by NASA and IBM Team size: Three persons Project Title: Hassas, K.S.A	2017
<b>GPU and Big Data,</b> University of Colorado, Colorado Springs, USA Team size: one person. Scope: Computer Architecture CS 5200.	May 2018
Hather, Badir Program	May 2019
Chatbot for LSU, Louisiana State University, USA Team size: 11 persons. Scope: Artificial Intelligence CSC 4444.	December 2019
Spatial Temporal Crime Analysis Using Machine Learning, Louisiana State University, USA Team size: 7 persons. Scope: Machine Learning CSC 7333.	May 2020
Course of Programming Language Structures (CSC 7101), Louisiana State University, USA Project Title: VCG	May 2021
Course of Programming Language Structures (CSC 7101), Louisiana State University, USA <u>Project Title:</u> Prolog	May 2021
Course of Video Game Design (CSC 4263), Louisiana State University, USA <u>Project Title:</u> HitRunner	May 2021

PROFESSIONAL ORGANIZATIONAL

Saudis in USA	Since 2012
Senior Member, IEEE	Since 2013
• ACM	Since 2013
Member, IEEE Computer Society	Since 2014
International Telecommunication Union (ITU)	Since 2014
• Nature	Since 2014
International Association of Science and Technology for Development (IASTED)	Since 2015
The National Association for Amateur Radio (ARRL)	Since 2016
Saudi Moringa	Since 2016
United Inventors Association of America	Since 2017
Volunteer Association in Qassim, Saudi Arabia	Since 2018

# PUBLISHING

٠	Mobtath		December 2016
٠	2016 IEEE/ACM TCF	Information Technology Professional Conference (Speaker)	March 2016
٠	International Conferen	ce on Sustainable Design, Engineering and Construction (Speaker)	May 2016
٠	Publication number	US9212606 B2	Dec 15, 2015
٠	Publication number	US8976022 B2	Mar 10, 2015
٠	US8976022 B2	European Patent Office	Mar 10, 2015
٠	US9212606 B2	European Patent Office	Dec 15, 2015

•

•	Publication number	US8825229 B2		Sep 2, 2014
•	US8825229 B2	European Patent Office		Sep 2, 2014
٠	Publication number	US10093416 B2		Dec 15, 2017
•	US8825229 B2	European Patent Office		Sep 2, 2014
٠	An Algorithmic Solution	on for the Hair Ball Problem in Data Visualization	on, AJSRP	Dec 30, 2018
٠	An algorithmic Solutio	n in Data Visualization for the" Hair Ball" Prob	lem, UEMCON 2019	October 2019
٠	An Algorithmic Solution	on for Storing Big Data on the DNA Sequence, 1	EEE 6th World Forun	n on Internet
	of Things, New Orlean	s, Louisiana, USA		8 April 2020
٠	Pre-Conference Works	hop for First-Time Students (poster), CVPR	Louisiana, USA June	e 19-24, 2022

Connecting Sand-shift Desert Roads in the Kingdom of Saudi Arabia Based on Satellite Imagery, ICGST-• AIML Apr. 2023

## BOOKS

Academic Writing Skills, Saudi Academics (Rawaasen)	June 2020
VOLUNTEER EXPERIENCE	
Association For Computing Machinery (ACM), Gannon University, PA	2014 - 1016
Gannon IEEE student club, Gannon University, PA	2014 - 1016
International Student Office (ISO), Gannon University, PA	
<ul> <li>Muslim Student Association (MSA), Gannon University, PA</li> </ul>	2014 - 1016
<ul> <li>Saudi Students Association (SSA), Gannon University, PA</li> </ul>	2014 - 1016
• Saudis in USA (Non-Profit Organization) Founder and Director of Patent	Since 201
<ul> <li>Saudis Club, Grambling State University, LA</li> </ul>	2010 - 2013
• LA Tech University Speech and Hearing Center	2009
Volunteer Association in Qassim, Saudi Arabia	since 2018
LSU Move-in	August 2019
Engage.Lead.Geaux, LSU	August 2019
• Volunteer for LHASA Rally Day (133 Intro To Business Computer Applications), LSU	April 2022
INTERESTING RESEARCH AREA	
Remote Sensing	Since 2019
Diseases Prediction	Since 2019
• Storing Big Data on the DNA Sequence	Since 2015
Cyber Security on the DNA sequence	Since 201
Data Science	Since 2014
HONORS & AWARDS	
<ul> <li>Mobader Badge, Misk Hub, KSA</li> </ul>	February 2024
• Azemah Badge, Misk Hub, KSA	February 202
• Altaatherr Badge, Misk Hub, KSA	February 2024
• Roaeh Badge, Misk Hub, KSA	February 2024
LANGUAGES AND PERSONAL INFORMATION'S	
• Arabic – native language	
• English – speak fluently and read/write with high proficiency.	

- France beginner.
- Spanish beginner.
- Hobbies include body building, karate and gymnastics. •

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