Ahmed Saaudi

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Certificate:

John C.Maxwell Certification Program 2019
Presentation Skills & Effective Communication, C&M Leadership Essential 2018
Cybersecurity Studies Certificate, University of South Carolina 2017

Education

University of South Carolina, College of Engineering& Computing
Doctor of Philosophy, Computer Science & Engineering 2015-2019 Master of Science in Engineering Management 2019 Master of Science in Computer Science & Engineering 2018 Language Program: English Program for International Students 2014

Experience

- **Software Division Manager at Computer Center || University of AL Muthanna J***anuary 2024 – Present*
- **Director of Electronics and Communication Department || University of AL Muthanna** *Nov. 2020 – 2023*
- **Internship || | Richland County – State of South Carolina -USA** *2018 – 2020*
   - Served as IT consultant to develop IT Needs Assessment Plan for Richland-County IT environment
- **Research Assistant | University of South Carolina.** *2015 – 2019*
  - Designing and implementing cybersecurity systems with machine learning techniques - Studying the nature of user behaviors, trends of insiders
  - Analyzing different kinds of computer-based log data
  - Utilizing two programming environments to develop the work: (Python and R)

Skills & Abilities

- **Artificial Intelligence Specialist developing Computer vision, Deep fake, and Security models**

• **Data Visualization**: Tableau, R, Python, etc.

• **Deep Learning Algorithms:** ANN, CNN, LSTM, variation of these algorithms. • **Natural Language Processing with Deep Learning**: Python, and R

• **Machine Learning and modeling Algorithms**: k-NN, Naive Bayes, SVM, Decision Forests, etc. • **Artificial Intelligence Toolkits:** Python, R, SciKit-learn, Keras, TensorFlow, etc.

• **Programming Language**: R, Python, Java, JavaScript, C++, etc.

• **Tools**: R studio, Spyder, Eclips, text editors: sublime, Visual Studio Code, etc.

• **Database**: SQL server, Mysql, Oracle, Mongodb

• **Office**: Microsoft office (word, power points, Excel, Access)

• **Operating systems**: Windows, Linux, Mac

• **Web**: Java Script, HTML, CSS, Bootstrap, Flex, etc.

Sample of Publications

1- [Delamination Depth Detection in Composite Plates Using the Lamb Wave Technique Based on Convolutional Neural Networks](#)
2- [A comparison study on CNN-based brain tumor detection systems: proposed vs. pretrained models](#)
3- [A study of hyperparameters effect on CNN performance for chest X-ray based COVID-19 detection](#)
4- [Clustering and Visualizing of Chest X-ray Images for Covid-19 Detection](#)
5- [Insider threats detection using CNN-LSTM model](#)
6- [Probabilistic Graphical Model on Detecting Insiders: Modeling with SGD-HMM.](#)
7- [Insider's Misuse Detection: From Hidden Markov Model to Deep Learning](#)
8- [Stream Data Access Control Model: The Need for Data Semantics.](#)
9- [Semantic-based Obligation for Context-Based Access Control](#)

References available upon request