Dr. Adel Dabash A. Rajab
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PERSONAL STATEMENT:

Dr. Adel Rajab's research interests involve Bioinformatics, Network Security, Optical Burst Switching Network, Machine Learning.

EDUCATION AND QUALIFICATION :

- ❖ **Ph.D. in Computer Science and Engineering**
  UNIVERSITY OF SOUTH CAROLINA – USA 2017

- ❖ **Master of Engineering in Computer Science and Engineering**
  UNIVERSITY OF SOUTH CAROLINA – USA 2007

- ❖ **Bachelor of Science in Computer Information Systems**
  UNIVERSITY OF SOUTH CAROLINA – USA 2005

WORK EXPERIENCES :

- ❖ **Managing and supervising the website of College of Computer Science and Information Systems**
  Najran University - Saudi Arabia – KSA, 11/05/2018 to – present

- ❖ **Assistant Professor-College of Computer Science & Information Systems**
  Najran University - Saudi Arabia – KSA, 2017 to-present

- ❖ **Lecturer – College of Computer Science & Information Systems**
  Najran University - Saudi Arabia – KSA, 2011 to-2012

- ❖ **Research Assistant - Computer Science & Engineering Department**
  University of South Carolina – USA, Fall 2009, Spring 2010.
  - Work on project using C++ for prediction of signal peptides and signal anchors by using different methods like hidden Markov model, probabilistic classification, artificial intelligence technology, support vector machine.

- ❖ **Research Assistant - Computer Science & Engineering Department**
  University of South Carolina – USA, Spring 2009
  - Operate and develop new application for a hybrid simulation for vehicle-to vehicle networks, which developed for efficient broadcast of safety alert, real-time traffic congestion probing and for distribution of on-road multimedia content.

TAUGHT COURSES:

Programming Language (Java), Computer Network Security

PROFESSIONAL SKILLS:
- ❖ Proficiency in programming languages: C, C++, Java, ASP, COBOL, HTML, Visio, JavaScript, and VB.net.
- ❖ Operating systems: Windows and UNIX.
- ❖ Proficiency in PC repairs and maintenance.

PUBLICATIONS:

1. A. Rajab, C.T. Huang, M. Alshargabi, and J. Cobb, "Decision tree rule learning approach to counter burst header packet flooding attack in Optical Burst Switching Network." Optical Switching and Networking, Vol 29, pp. 15–26, Mar 12 (2018).

2. A. Rajab, C.T. Huang, M. Alshargabi, and J. Cobb, "Decision tree rule learning approach to counter burst header packet flooding attack in Optical Burst Switching Network." Optical Switching and Networking, Vol 29, pp. 15–26, Mar 12 (2018).

3. Rajab, A., (2017) Burst Header Packet (BHP) flooding attack on Optical Burst Switching (OBS) Network Data Set. University of California Irvine Data Repository, 2017.

HONORS/AWARDS:
- ❖ Dean's List (Spring 2001-Spring 2005).
- ❖ Scholarship Award, Computer Science Department 2001, Spring 2002.