Zamil S. Alzamil

Riyadh, The Kingdom of Saudi Arabia
zalzamil1@gmail.com
+966 54 566 0301

EDUCATION

Rutgers Business School, Rutgers the State University of New Jersey
Ph.D. Information Technology   2013 – May 2019

Research experience:
- Applying data mining techniques to investigate pancreatic cancer patients using SEER MEDICARE data.
- Provide nationwide estimates of hospitalizations primarily attributed to dental/oral health–related conditions by examining several patient-level and hospital-level characteristics in the United States during the years 2008 to 2012.
- Secure data analysis on cloud based decision support system.
- Analyzing S&P 500 data using association rule mining.
- Proposing a new model for effective and efficient open government data.
- Applications of Data Analytics: Visualization and Cluster Analysis of Governmental Data.
- Developing an ontology-based framework for classifying social media: text mining analysis for financial data.

Central Michigan University, Mount Pleasant, MI
Master of Science in Information Systems   December 2009

Projects:
- Comparative Analysis of ABAB and JAVA programming languages; Architecture, benefits, and limitations.
- Supply Chain Management, from Demand Management, production scheduling & sourcing, through Distribution Planning; Evaluation of Sales and Operations Planning (SOP) Applications.
- Worked with a team to designed and implement an automated online system for course registration, faculty course assignment, and class scheduling within the Information Systems Department.

Qassim University, Qassim, Saudi Arabia
Bachelor of Science in Computer Science

Projects:
- Network Management Challenges: LINUX RedHat Integration with MS Windows 2000.
- Independent research project: Corporate Trend of Cloud Computing: Shifting data to the cloud comes with security compromises but strategic gains in IT.
- Data Warehousing: Implementation best practices and trends.

RESEARCH INTERESTS
- Machine Learning and Data mining.
- Big Data Analytics.
- Learning Theory.

- Data Privacy.
- Bioinformatics.
- Utilizing Technology to Improve Government Sector Functioning.
- Open Data.
- Open Government Data.
- Information Security.

WORK EXPERIENCES

Majmaah University, Majmaah, Saudi Arabia
Assistant Professor June 2019 – Present
College of Computer and Information Sciences

Rutgers University, Newark, The United States
Teaching: Management Information Systems June 2018 – August 2018

Rutgers University, Newark, The United States
Teaching Assistant (TA) January 2014 – May 2014

Saudi Telecom Company (STC), Riyadh, Saudi Arabia
Planning Specialist May 2010 – May 2012
- Worked with a team to developed and present idea for data packaging and pricing model; resulted in an incremental new revenue stream of $5 million within the first year.
- In effort to coordinate diversified product offering I was chosen as team leader to implement the Unified Customer Experience project. Resulted in significant increase of cross selling products to customer base.
- Led qualitative market research project with branch managers to define issues in response to consumer complaints; resulted in improvements to communication channels between sales and marketing.

Security Matters Company, Riyadh, Saudi Arabia
Information Security Expert Jan 2010 – Apr 2010
- Evaluated hardware and software environment for ISO9001 compliance of the Ministry of Foreign Affairs.

Saudi Telecom Company (STC), Riyadh, Saudi Arabia
Information Security Solutions Specialist, IS Department 2006-2008
- Trusted with leadership role on strategic firewall integration project for Gulf region's largest telecom company. Promoted within one year from entry-level analyst to solutions specialist based on outstanding performance evaluation.

PUBLICATIONS
- Lorenzi, D., Vaidya, J., Shafiq, B., Chun, S., Vegesna, N., Alzamil, Z., ... & Atluri, V. (2014, June). Utilizing social media to improve local government responsiveness. In Proceedings of the 15th annual international conference on digital government research (pp. 236-244). ACM.
- Alzamil, Z. S. (2019). Three essays on open government data and data analytics (Doctoral dissertation, Rutgers University-Graduate School-Newark).
- A New Model for Effective and Efficient Open Government Data, Under Review - International Journal of Disclosure And Governance.

- An Ontology-Based Framework for Classifying Social Media: Text Mining Analysis for Financial Data, under review - International Journal of Accounting Information Systems.

COMPUTER SKILLS

- **Programming languages:**
  - Python
  - R Statistical Language
  - SQL
  - Java

PROFESSIONAL DEVELOPMENT/CERTIFICATES

- Information Security Principles (2007)
- TERP 10, mySAP ERP Integration of Business Processes (2009)
- SAP/CMU Enterprise Software Management Certificate (2009)
- SAP/CMU SAP Business Information Warehouse Certificate (2009)
- SAP/CMU ABAP Programming Managerial System (2009)

LANGUAGES

Arabic: Native speaker
English: Fluent