

Mahmoud K. Alewiwi

CONTACT INFORMATION

Hebron-Palestine
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CAREER SUMMARY

- Building business predictive models in telecoms using machine learning algorithms
- Analyzing Big data and building data science models over big data using the new technology trends.
- Mining textual data to and grasp new hidden information within texts.
- Leading companies toward new technologies
- Training and teaching.

EDUCATION

Sabanci University, Istanbul, Turkey

- Ph.D., Computer Science and Engineering(Big Data and Data Mining), Jan 2016
- Thesis Topic: *Efficient and Secure Document Similarity Search Depending on MapReduce Computing Model.*
 - Advisors: Erkay Savas, Prof.

University of Putra Malaysia, Serdang, Malaysia

- M.S., Computer Science(Parallel and Distributed Systems), April 2004
- Thesis Topic: *M.Sc Thesis Enhancing Market-Based Scheduling Algorithm on Globally Distributed Web Servers Using Least Suitable Sealed Bid Technique.*
 - Advisor: Rozita Bt. Johari, Ph.D

Palestine Polytechnic University, Hebron, Palestine

- B.Eng., Computer Systems Engineering, Jul 2001
- Project *PCRC" a project aims to control multiple PCs through a remote control.*

PROFESSIONAL EXPERIENCE

Assistant prof. Palestine Technical University of Khadoori September/2017-Present

- Lecturing multiple courses in data minig and data science
- enrolled in mentoring and supervising multiple events and competitions inside and outside the university(mintoring the winner team at TechCamp Competition held in Ramallah)

Data science Consultant-Wataniya Mobile www.wataniya.ps Nov/2016-March/2017

- Churn prediction model was developed using machine learning and classification algorithms.
- Best next offer system was built. I used data mining algorithms to accomplish this task.

Data Scientist-SocialDice www.socialdice.net Jan/2016-Aug/2016

- Big data and Hadoop algorithms were developed. They analyze and match jobs with the most suitable candidate
- Smart job matching system architecture was developed over Microsoft Azure cloud.

Teaching Assistant-Sabanci University 2012-2015

- Teaching assistant for Introduction to programming with gulsen demiroz
- Teaching assistant for Advanced Programming with Mordo Shalom

Lecturer-Hebron University 2006-2010

- Lecturing multiple courses such as (Database systems, Operating Systems, Networking, Object Oriented Programming, Algorithms) - Faculty of Science and Technology - Hebron University

Teaching Assistant-Palestine Polytechnic University Springs 2002–2004

- Teaching assistant for multiple courses such as (Introduction to programming, Matlab, Data Structures, Java, Database).

RESEARCH
EXPERIENCE

Research Assistant Sep 2012 to Sep 2015

- Working on Data mining and Security researched at Sabanci University
Supervisor: Erkey Savas, Prof.

Research Assistant June 2004 to April 2006

- Distributed Systems at University of Putra Malaysia
Supervisors: Rozita Bt. Johari, Ph.D and shamala subramaniam, Ph.D

PUBLICATIONS

1. Mahmoud Alewiwi, Cengiz Orencik, and Erkey Savas. "Efficient top-k similarity document search utilizing distributed file systems and cosine similarity". *Cluster Computing, 2015* "accepted on October 2015"
2. Cengiz Orencik, Mahmoud Alewiwi, and Erkey Savas. "Secure Sketch Search For Document Similarity". *The 14th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom-15)*, Helsinki, Finland, 20-22 August, 2015.

SUBMITTED
JOURNAL
PUBLICATIONS

1. Mahmoud Alewiwi, Cengiz Orencik, and Erkey Savas "Secure Data Mining Over Encrypted Cloud Data."

AWARDS

- The Scientific And Technical Research Council of Turkey (TUBITAK) Oct 2014
- Sabanci University Scholarship- department of computer science. Oct 2012
- ERASMUS MUNDUS Ph.D Scholarsip award Sep 2010
- ERASMUS MUNDUS 6 monthes Research award. (Italy) Feb 2009

ADDITIONAL
PROFESSIONAL
EXPERIENCE

- Holds Sun Certified Java Programmer (SCJP) and Sun Certified Java Developer (SCJD) from Sun Microsystems company
- Finished a Cisco Certificate Network Associate (CCNA) from Cisco Academy.
- Web development using JSP, Servlets, Struts and Maven
- XML markup language, document parsing using Using SAX and DOM based parsers
- Cloudera Hadoop, Creating and developing analytical and decision algorithms using the new computing MapRed Based computing model and Apache Pig.
- Introductory experience on the new Not only Sql database systems NoSql like Hbase, MongoDB.
- Developing pattern recognition and data mining applications using Weka, Python Scikitlearn, Matlab and Rapidminer.

REFERENCES

Prof. ErKay Savas

Professor at Sabanci University-Turkey

e-mail:erkays@sabanciuniv.edu

Dr. Rozita Bt. Johari

Associated Professor at University of Putra Malaysia

e-mail: rozita.johari@zu.ac.ae

Dr. Shamala Subramaniam

Associated Professor at University of Putra Malaysia