

## IYAD SULEIMAN

### Curriculum Vitae

#### Personal details

Name: Iyad Suleiman

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#### Professional Experience

##### **2018-Today Internal Lecturer at Ono Academic College**

2018-Today External Lecturer at Kinneret Academic College

2017-2019 Lecturer at Ort Braude College - Karmiel

Teaching the following courses: Application development for Smart Phones, UNIX, Introduction to Operating Systems, Databases, Object Oriented Analysis and Design

2016- Today External Lecturer at the Academic College of Jezreel Valley

Teaching the following courses: Application development for Smart Phones, Characterization and Design of Information Systems, Project guidance

2016-2017 Senior Lecturer at Shenkar Academic College, Ramat Gan

Teaching the following courses: Data structures and algorithms, Introduction to Data Science

2014- Today Operational Manager at Life School for Creativity and Uniqueness

2001- 2012 DevOps Manager at Alfabet, Nazareth

2005-2011 Regional Director at Life for Relief and Development, Nazareth

2001-2006 Technical Lead at aljamiado™ Learning Technologies, Migdal HaEmek

2002-2004 Graduate Assistant at Department of the Middle East History in University of Haifa

#### Education

2017-2019 B.Sc. in Education in Science and Technology, Technion, Israel Institute of Technology, Haifa. Education in Science and Technology Faculty

2009-2013 Ph.D at School of Informatics, University of Bradford, UK

Thesis topic:

*Integrating Data Mining and Social Network Techniques into the Development of Web-based Adaptive Play-Based Assessment Tool for School Readiness*

Supervisors: Prof. Mick Ridley and Prof. Reda Alhajj

2004-2005 BBB EMBA, Business Administration, Business at University of Haifa

The "Building Business Bridges" (BBB) MBA program is an international and multi-cultural program. Students take part in an enrichment program which includes lectures regarding Palestinian-Israeli relationship issues, pertinent cross-cultural training, local, regional and international study trips and hands on experience in the international arena with an emphasis

on the Middle East.

The program was sponsored by the European Union, the United States Wye River People to People Program, the Netherlands and the Belgium Foreign Ministries.

- 2001-2004 MA, History of the Middle East at University of Haifa  
Thesis topic:  
*Pan-Arabic organizations attitude towards the development of knowledge-base industries and their contribution to the success of technological entrepreneurship in the Arabic states 1996-2002*  
Supervisor: Prof. Gad Gilbar
- 1991-1993 B.Sc., System Information Engineering at Technion, Haifa
- 1982-1986 B.Sc, Computer Science at Technion, Haifa

#### Scholarships, Awards, and Prizes

Year	Prize
2019	The 3 <sup>rd</sup> prize was chosen for the IOU – I Owe You Project, developed by the students Albakhar HareEl and Korsias Moshe, led by Dr. Iyad Suleiman in the Conference of the final projects of the Department of Information Systems at Emek Yezreel Academic College 2019
2018	The first prize was chosen for the Water Corporation Management Project, developed by the team Atias Liab and Hazan Dvir, led by Dr. Iyad Suleiman in the Conference of the final projects of the Department of Information Systems at Emek Yezreel Academic College

#### Research Grants

Year	Co-Researchers	Topic	Funded by/ Amount
2004	Maha Arslan and Tamer Salman	Developing Modified GA in a Play-based assessment tool kit for Pre-School Children	Israeli Chief Scientist - Ministry of Industry and Trade / \$140,000
2001	Maha Arslan and Yoav Bar	Developing Play-based assessment tool kit for Pre-School Children	Israeli Chief Scientist - Ministry of Industry and Trade / \$360,000

#### Hi-Tech Activities

- 2015 *Entrepreneur with Rafiki project* in NazDiv Accelerator - #1 Technology Start up Accelerator for Arab entrepreneurs, 01 Feb - 30 Apr 2015
- 2014 *Team leader* at Meckathon Nazareth, 24 -25 Oct 2014
- 2014 Hybrid Applications Development Course, 01 Feb - 31 Mar 2014

Interactive Responsive Web Sites & Apps, Offline Desktop Apps Based Client Side Technologies: JavaScript, HTML5.0, jQuery, CSS3, AngularJS, MooTools

- 2013 British Embassy workshop for Arab-Israeli tech entrepreneurs  
Go Global Soft Skills workshop for Arab entrepreneurs funded by the UK Israel Tech Hub
- 2013 Elite Entrepreneurship Course #1 - NBIC & StarTau (Tel-Aviv University)
- 2012 *Mentor at* Start up Weekend Nazareth, 8 -10 Nov 2012
- 2012 *Mentor at* Hackaton@Nazareth 7-8 Sep 2012

#### Volunteering

- 2000-2016 Member of the administrative board of the New Moriscos Association- Nazareth
- 2005-2011 Member of the board Life for Relief and Development
- 2000-2004 Member of the executive and administrative board in the Galilee Society - Shfar'am
- 2000-2004 Member of the administrative board in Ittijah - the Union of Arab Civil Societies - Haifa

#### Other activities

- Build relationships and activities shared with researchers and historians on the subject of Andalucia in the following countries: Tunisia, Morocco, Malta, Britain, Spain, and the United States.
- Write in the blog: [Huffingtonpost.com](http://Huffingtonpost.com)

## Publications

1. **Suleiman, I.** (2019). I Swarm intelligence Framework for Tutoring. *Proceedings of The 7th European Conference on Education (ECE2019), IAFOR - The International Academic Forum*, London, July 19-21, 2019.
2. [http://papers.iafor.org/wp-content/uploads/papers/ece2019/ECE2019\\_52763.pdf](http://papers.iafor.org/wp-content/uploads/papers/ece2019/ECE2019_52763.pdf)
3. **Suleiman I.**, Arslan M., Alhadj, R., & Ridley, M. (2018). A Cross-platform model for an adaptive play-based assessment tool for school readiness. *Journal of Information & Knowledge Management*, Volume 9, Issue 1, Jan 2018.
4. Arslan M., **Suleiman I.**, Alhadj, R., & Ridley, M. (2018). Framework for Assessing School Readiness. *Journal of Information & Knowledge Management*, Volume 9, Issue 1, Jan 2018.
5. **Suleiman I.**, Arslan M., Alhadj, R., & Ridley, M. (2017). Prediction Model of School Readiness. *Journal of Information & Knowledge Management*, Volume 8, Issue 3, March 2017.
6. **Suleiman I.**, Arslan M., Alhadj, R., & Ridley, M. (2016). The Power of on-line Genetic Algorithm in Stealth Assessment for School Readiness. *Journal of Computers in Education*.
7. **Suleiman I.**, Arslan M., Alhadj, R., & Ridley, M. (2015). *Implementation of a modified multi objective optimization GA algorithm in a Stealth Assessment for School Readiness*. AACE - Global Learn 2015, Berlin.
8. **Suleiman I.**, Arslan M. (2013). Integrating Genetic Algorithm into the Development of Computerized Play-Based Assessment tool for School Readiness. *Procedia - Social and Behavioral Sciences*, Vol. 82. 852 – 857.
9. **Suleiman, I.**, Gao, S., Salman, T., Polat, F., Arslan, M., Alhadj, R., & Ridley, M. (2011). Effectiveness of Automated Learning in Assessment of School Readiness. In *Recent Trends in Information Reuse and Integration*. Springer-Verlag.
10. Peng, P., Nagi, M., Sair, O., ElSheikh, A. M., **Suleiman, I.**, Gao, S., Özyer, T., Kianmehr, K., Naji, G., Ridley, M., Rokne, J., & Alhadj, R. (2011). "From Alternative Clustering to Robust Clustering and Its Application to Gene Expression Data", *Proceedings of the International Conference on Intelligent Data Engineering and Automated Learning*, Springer-Verlag LNCS, Norwich, UK, Sep. 2011.
11. **Suleiman, I.**, Goo, S., Arslan, M., Salman, T., Polat, F., Alhadj, R. & Ridley, R. (2011). 'Automated Learning for Assessment of School Readiness: Effectiveness of Reusing Information from Child's Social Network', Springer-Verlag, 2011.

12. Nagi, M., ElSheikh, A., Rifaie, M., **Suleiman, I.**, Peng, P., Karampelas, P., Alhadj, R., & Ridley, M. (2011). "Association rules mining based approach for web usage mining", *Proceedings of IEEE International Conference on Information Reuse and Integration*, Las Vegas, Aug. 2011.
13. **Suleiman, I.**, Salman, T., Gao, S. , Polat, F., Arslan, M., Alhadj, R., & Ridley, M., (2010). "The power of genetic algorithm in automated assessment of school readiness," *Proceedings of IEEE International Conference on Information Reuse and Integration*, Las Vegas, pp.280-285, Aug. 2010.