

# Afaf Al Shalaby

## Curriculum Vitae



### Personal information

Name	Afaf Al Shalaby		
Address	Al Taale, Damascus, Syria		
Telephone(s)	011 – 5944330	Mobile:	0932523131
E-mail	<a href="mailto:afaf.shalaby@hiast.edu.sy">afaf.shalaby@hiast.edu.sy</a>		
Nationality	Arabian Syrian		
Date of birth	One September at 1983		
Gender	Female		
Material Status	Married		

### Personal skills and competences

- Self-assessment: logical reasoning, accuracy in time and work, self-discipline, flexibility.
- Social skills and competences: ability to lead a team, willingness to take on responsibility.
- Technical skills and competences: ability to work with new technology.
- Computer skills and competences: willingness to deal with new program and software and ability to manage the project.
- Good skills in marketing and management.

### Education

- PHD of Informatics Engineering (2014-2018)  
Department: Natural Language Processing and Artificial Intelligence.  
Higher Institute of Applied Science and Technology (HIAST),  
Damascus, Syria.  
Thesis: Arabic Text to Speech System Using Semi Syllables Concatenation and Natural Prosody.

## Work Experience and Projects

- Master of Informatics Engineering (2009-2012)  
Department: Artificial Intelligence  
Faculty of Informatics, Damascus university, Syria.  
Thesis: Automatic Prosody Generation for Arabic Text to Speech System.
- B.S. Degree in Faculty of Informatics (2002-2007).  
Department Artificial Intelligence  
Faculty of Informatics, Damascus university, Syria.
- I am a teacher in Informatics Engineering at HIAST Institute for master students and for fifth, fourth and third years since 2008.

I taught at HIAST the following subjects:

- Natural Language Processing.
- Artificial Intelligence and knowledge representation (AI in Prolog, Clips, and Jess).
- Expert Systems.
- Neural Networks.
- Fuzzy Logic and Fuzzy Expert System.
- Genetic Algorithm.
- Planning and Machine Learning.
- Algorithm and data structure.
- Programming in C++.
- Object oriented programming.

## Honors and Awards

- I am a teacher at Syrian Virtual University in ISE program since 2008.

I teach at ISE the following subjects:

- Natural Language Processing.
- Artificial Intelligence and knowledge base system (AI in Prolog, Clips, and Jess).
- Expert Systems.
- Fuzzy Logic and Fuzzy Expert System
- Object oriented programming.
  
- Genetic Algorithm.
- Planning and Machine Learning

- I was a teacher at Al Sham Private University ASPU for two years.

I taught at the university the following subjects:

- Artificial Intelligence and knowledge base system and Knowledge representation (AI in Prolog, Clips, and Jess).
- Expert Systems.
- Fuzzy Logic and Fuzzy Expert System.
- Object oriented programming.
  
- Genetic Algorithm.
- Planning and Machine Learning and Neural Network
- Data Base
- Data Base 1 Data Base2
- Automata Theory
- 

- I am working in Arabic Text to Speech (ATT system) project. Currently, I supervised of Master Thesis in ATTS.

- The first premium in فكرة قد تغير العالم 2007-2008 for my project graduation.
- The first premium in الإسكوا 2007-2008 for my project graduation.
- The third premium in فكرة قد تغير العالم 2011-2012 for Our project in Arabic Text to Speech System.

## Languages

- Arabic (Mother language)
- English (Good command)
- French (Basics)

## Reference

- D. Omayma Al-Dakkak, Higher Institute of Applied Science and Technology (HIAST)  
Email: [oumayma.dakkak@hiast.edu.sy](mailto:oumayma.dakkak@hiast.edu.sy)
- D. Nada Ghneim, Faculty of Informatics, Damascus University  
Email: [nada.ghneim@gmail.com](mailto:nada.ghneim@gmail.com)

## Publications

- **O.Al-Dakkak N.Ghneim, A.Al-shalaby, R.Sonbol, Mhd. S. Desouki.** Arabic Language resources in HIAST [Conference]. - Cairo, Egypt, 22-23 : Second International Conference on Arabic Language Resources and Tools, April 2009.
- **A. Al. Shalaby O. Dakkak, N.Alawa.** Automatic Prosody Generation for Arabic Text To Speech Systems [Article] // Damascus University Journal for the Basic Sciences. - 2013. - Vol. 29 - No. 1.
- **A. Al Shalaby O. Al Dakkak, N. Ghneim.** "An Arabic Text To Speech Based on Semi-Syllable Concatenation," [Article] // International Review on Computers and Software (IRECOS). - 2016. - vol. 11, no. 12.
- **A. Al Shalaby O. Al Dakkak, N. Ghneim.** Acoustic Word Stress Analysis for Continuous Arabic Speech [Article] // International Journal on Computer and Communications Networks, Computational Intelligence and Data Analytics. - 2017. - Vol 1, No 1.
- **A. Al Shalaby O. Al Dakkak, N. Ghneim.** " Word Stress Integration in Arabic Semi-Syllable Synthesizer," [Article] // International Journal of Electrical and Computer Engineering. - 2018.