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# Zainab Alfrgani

Benghazi-Libya  
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## Personal Info.

Date of Birth: 10/08/1980.

## Experience

### Scientific Affairs (Full Time)

[2021- present] Bright Star University/Elbrega.

### Lecturer (Full Time)

[2013- present] Bright Star University/Elbrega

Main activities and responsibilities:

- Tutoring and demonstrating Mathematics II, Principal of Electrical Engineering, Control theory I& II, Electronic Circuits I, Industrial Electronics, Digital Electronic, MATLAB Programming, Digital signal processing.

### Lecturer (part Time)

[2013-present] Almahan alshamela Institution / Agdabia

[2013-2015] Benghazi University/ Agdabia

- Tutoring and demonstrating Physics I& II, Mathematics II, Principal of Electrical Engineering.

### Lecturer (part Time)

[2017] collage of Electrical and Electronic Technology/ Benghazi

- Tutoring and demonstrating Artificial intelligent.

## Education

2009-2012 Graduate student University at Colorado Denver(USA)

Master Degree in Electrical Engineering (Control system)

2008-2009 English Course Spring International  
Language Center (USA)

Certificate for Completing an Intensive Program.

1999-2004 Undergraduate student Altahadi University

Bachelor in Electrical Engineering (Control and Instrumentations)

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## Skills and Achievements

### Achievements:

#### **-Published Papers**

- Recursive Blind Adaptive Equalization for 16-QAM application
- DESIGN SINGLE AND DUAL BAND STOP FILTER BY USING SPURLINE STRUCTURE, International Journal of Engineering Applied Sciences and Technology, 2019 Vol. 4, Issue 6, ISSN No. 2455-2143, Pages 48-52
- Domino Dynamic Logic Circuits by Ledit and Pspices, Tobruk University Journal of Engineering Sciences, Vol.1, No.1, 2020
- Tuning a Single and Dual Band Band-Stop Filter by Using Spurline, THE INTERNATIONAL JOURNAL OF ENGINEERING AND INFORMATION TECHNOLOGY (IJEIT), VOL.6, NO.2, 2020
- Two-Dimensional Numerical Analysis of the Floating Region in SOI MOSFET's, Tobruk University Journal of Engineering Sciences, Vol.1, No.1, 2019

### Skills:

Proficient in basic use of computer.  
 Proficient in MATLAB, ORCAD & Pspice.  
 Bilingual (Arabic – English) (writing, reading, speaking).  
 Ability to work independently as well as in a team.

## References

### **[Pro. Ahmed Elbarsa ]**

[Dean of the university / Bright Star/Elbrega]

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### **Dr. Hassan Aldeeb**

[Misurata University]

**Address:** Misurata/Libya.

**Email:** [haldeeb@uccs.edu]

### **Dr. Rahel.G.Rahel**

Dean faculty of technical engineering – Bright star University-Elbrega

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