

# Fadia B. El-Issa

(962) 777 50 8004

fadia.elissa@gmail.com

## Objective

Develop academic and professional work experience by pursuing higher education as well as training in the field of Engineering.

## Personal Information

Nationality:

Jordanian

Date of Birth:

August 13<sup>th</sup> 1987

Marital Status:

Married

Address:

Subhi Ameen Amro Str. , 7th Circle, Amman Jordan

## Educational Background

Oct 2011- 2014

### Princess Sumaya University for Technology

Amman, Jordan

Masters of Science in Electrical Engineering

Rating: **Merit with Average: 87.8%**

Master's Thesis Title: "Adaptive FIR Filter for Frequency

Estimation of Sinusoids Using Random Search Algorithms"

Oct 2005 – Jun 2010

### Princess Sumaya University for Technology

Amman, Jordan

Bachelor of Science in Telecommunications Engineering –  
Electrical Engineering Department

Rating: **Excellent with Average: 86.8%**

Sept 1991 – Jun 2005

### Ahliyyah School for Girls

Amman, Jordan

General Certificate of Education (IGCSE) Ordinary and  
Advanced Level

Equivalent to **95.6% in Jordanian Tawjihi**

## Work Experience

Sept. 2017 - Present

### Princess Sumaya University for Technology

Amman, Jordan

Lecturer (Engineering Ethics, Circuits, Instruments and  
Measurements, Technical Writing and Communication  
Skills)

Oct 2010 – Sept. 2017

Lab Instructor (Communications Networks, Fibre Optics,  
Circuits, Digital Electronics)

Feb 1<sup>st</sup> – Apr 1<sup>st</sup> 2010

### Umniah Telecommunication Company

Amman, Jordan - University internship

## Training

January 2021

### Proposal Writing Workshop by PRIMA

Oct 5<sup>th</sup> - 9<sup>th</sup> 2009

### ITU (International Telecommunication Union) Telecom Youth World 2009 Forum

Geneva-Switzerland

Summer 2009

### Microcontrollers Course

Princess Sumaya University for Technology  
Amman, Jordan

Feb - Jun 2009

**INJAZ leadership Course**

Amman, Jordan

Jul 5<sup>th</sup>- Aug 19<sup>th</sup> 2007

**Student Leaders**

Middle East Partnership Initiative (MEPI)  
Montana State, USA

**Voluntary Work**

Summer 2020-present

**PEEK (PSUT Engineering Entrepreneurship Kickstarter)  
Chief Development Officer**

May 2016

**Technical Writing Session for Engineering Graduates**

Sept 2014- Sept.2015

**Women in Science (WiS) organizing team member**

Jun 2009 -Jun 2012

**"EXPRESS" Initiative founder "عبر"**

Sept. 2006 - Aug.2007

**Princess Sumaya University Student Council member**

**Certifications/Publications**

March 2019

Mismar, M. J., & Elissa, F. B. (2019). Frequency and power estimation of sinusoids using eigen-approach. In *MATEC Web of Conferences* (Vol. 272, p. 01008). EDP Sciences.

January 2019

Elissa, F. B., & Mismar, M. J. (2019). Adaptive FIR filter for frequency and power estimation of sinusoids. *International Journal of Embedded Systems*, 11(1), 22-27.

December 2017

F.B. El-Issa, M.J. Mismar, "FIR filter for frequency estimation using eigen-approach". 2017 International Conference on Electrical and Computing Technologies and Applications (ICECTA), Ras Al Khaimah, Emirates.

December 2016

F.B. El-Issa, M.J. Mismar, "Adaptive FIR Filter for Frequency Estimation of Sinusoids using Particle Swarm Optimization". 2016 International Conference on Electronic Devices, Systems and Applications (ICEDSA), Ras Al Khaimah, Emirates.

May 2016

**Princess Sumaya University for Technology**  
Outstanding Performance Award

Dec 2011

**Jordan Engineering Association**  
Innovative Engineer of the year 2011 award

Mar 2011

**Middle East Partnership Initiative**  
Fund to pursue the project "عبر".

May 2010

**National Technology Parade 2010**  
**First Place** for the senior project design "Wireless Appliances Control using Microcontrollers and Zigbee Technology" in the category of Communications and Wireless appliances.

**Languages**

- Fluent in Arabic
- Fluent in English (Toefl-Int Based Test score 100/120)