

# CURRICULUM VITAE

## Personal Details

**Name** : Lutfi Salem El-Hweje

**Title** : Associate Professor, Computer Science Department, University of Tripoli - Tripoli  
Libya

**Email** : L.Hweje@uot.edu.ly

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## CARRER OBJECTIVE

Enthusiastic and experienced University faculty member with about twenty years of experience serving as teaching Computer Science courses. A Computer Scientist, bringing forth knowledge from a variety of sectors, Adept in teaching most of the curriculums in the field of computer science. Adept at working with students to successfully prepare them for personal and professional success in today's world. Knowledgeable and experienced in editing computer science textbooks, which best promote the overall experience of a student. A committed faculty member, passionate about working to further enhance the educational offerings of an institution.

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## EDUCATION

- May 1999, Master of Science in System Science (M.Sc. in Systems Design)  
University of Ottawa - Canada.
  - June 1999, Canadian Operational Research Society Diploma - University of  
Ottawa - Canada.
  - May 1985, B.Sc. in Computer Science - University of Tripoli - Tripoli Libya.
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## WORK EXPERIENCE

- From 2016 up to now: Associate Professor -Computer Science Department,  
University of Tripoli.

**During my work in this department, I involved in teaching the following courses.**

1. CS331 Data Structure and Algorithms I
2. CS215 Introduction to Object-Oriented Programming using C++.
3. CS436 Data Base Management Systems.
4. CS438 Software Engineering.

5. CS336 Programming Languages.
6. CS335 GUI Programming using JAVA.
7. CS355 Introduction to Object-Oriented Programming using JAVA.

□ From 2010 up to 2016: Assistant Professor -Computer Science Department,  
University of Tripoli.

**During my work in this department, I involved in teaching the following courses.**

1. CS436 Data Base Management Systems.
2. CS315 Web Programming.
3. CS319 Systems Analysis & Design.
4. CS355 Introduction to Object-Oriented Programming using JAVA.

□ From 2005 up to 2010: Lecturer -Computer Science Department / University of  
Tripoli.

**During my work in this department, I involved in teaching the following courses:**

1. CS100 Introduction to Computer Science.
2. CS111 Fortran programming.
3. CS214 C programming.
4. CS215 Advanced C Programming.
5. CS336 Programming Languages.
6. CS432 Systems Programming II (Compiler Design).
7. CS436 Database Management Systems.
8. CS355 Introduction to Object-Oriented Programming using JAVA.
9. CS377 Object-Oriented Modeling.

**I taught the following curriculum in the Faculty of Engineering, Computer  
Engineering Department.**

1. EC 5112 Software Engineering.
2. EC 251 Programming with C ++.
3. EC 352 Data Structures and Algorithms.

□ From 1999 to 2005: Assistant Lecturer in the Department of Computer , College  
of electrons, Tripoli Libya.

**During my work as a lecturer assistant, I involved in teaching the following courses**

1. Introduction to Computer Science.
2. C Programming.
3. data structures using C++.
4. JAVA language programming.
5. Internet Programming.
6. Database Management Systems.
7. Systems Analysis and Design.

□ From 1993 to 1996: Head of Computer Department at the Higher Institute  
of Management Sciences, Tripoli Libya.

- From 1988 to 1993: Systems Analyst and Programmer in General Computer Company, Tripoli Libya.
  - From 1986 to 1988: Teaching Assistant, Department of Computer Science at the Higher Institute for Administration and Finance, Tripoli Libya.
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## **Other work**

### **1. Scientific papers**

- "Development assessment system in technical education and vocational" , Conference at the Arab Union for education and technical training , Tripoli, Libya.
- "To reach designing an effective curriculum for software engineering specialization " , Second Conference of the basic science, University of Tripoli - Libya, Faculty of Sciences.
- "Scientific reviews on open source software roles in education. 'Feasibility and quality in education' " , Third National Congress of the Basic Sciences / University of the Western Mountain Gharyan-Libya, Faculty of Sciences.
- " The Impact of Using Visible Program Execution Tools On Learning Novice Students " , A Conference on ICT and Improving Performance in Educational Institutions held in Amman- Jordan .
- "Adding Robustness to Libyan National Identification Number (LNIN) System" , The Libyan Journal of Science / 2016 .

### **2. Educational curriculum development contributions**

- Member of the authoring committee of computer books at the elementary level: Grade V and VI.
- Member of the development committee of curriculum for higher technical education in the IT field in Libya.

### **3. Books reviewer (Arabic Editions)**

- "Introduction to Programming in JAVA", by Professor: Bashir Algaeed, ELGA publications.
- "Object-Oriented Programming Language using C++", by Professor: Bashir Algaeed, ELGA publications.

#### **4. Chapters on Books (Arabic Editions)**

1. "Database Systems Concepts" , El-Hweje and others, Dar Elhkma; First edition.
2. "Data Structures and applications using Java " , Abdulal and El-Hweje, Dar Elhkma; First edition.

#### **5. Books (Arabic Editions)**

1. "Object-Oriented Programming using JAVA" , El-Hweje, Dar Elhkma; First edition.
2. "Programming in C++" , El-Hweje, Dar Elhkma; First edition.
3. "Object-Oriented Programming using C++" , El-Hweje, Dar Elhkma; First edition.