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**MENOFYIA UNIVERSITY**

**FACULTY OF ELECTRONIC ENGINEERING**

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



**جامعة المنوفية**  
**كلية الهندسة الإلكترونية**  
**قسم هندسة وعلوم الحاسبات**

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## Curriculum Vitae

### Personal Information

Name	Nirmeen Abd El Wahab Hassan Abd El Wahab El-Bahnasawy
Birth Date	23-08-1975
Place of Birth	(Misr El-Kadima - EGYPT)
Nationality	Egyptian
Marital Status	Married + 3 Children
Current job	Lecturer at Computer Science and Engineering Department – Faculty of Electronic Engineering - Minoufiya University - Egypt.
Address	Department of Computer Science and Engineering, Faculty of Electronic Engineering, Menouf, 32952, El-Menoufiya, EGYPT.
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### Academic Information

- **2013 PhD.** – PhD. degree in computer science and engineering. “Task Scheduling in High Performance Heterogeneous Computing Systems” Dept. of Computer Science and Engineering, Faculty of Electronic Engineering, Menoufiya University, EGYPT.
- **2003 M.Sc.** – M.Sc. degree in computer science and engineering. “Task dispatching for parallel vector Processors” Dept. of Computer Science and Engineering, Faculty of Electronic Engineering, Menoufiya University, EGYPT.
- **2000** Prep. M.Sc. (One year theoretical study in computer science and engineering).

- **1998 B.Sc.** B.Sc degree in Electronic Engineering (May 1998) specialization Computer Science and Engineering. General grade very good with Honor Degree. Dept. of Computer Science and Engineering, Faculty of Electronic Engineering, Menoufiya University, EGYPT.

## *Experiences*

### *• Academic Education*

<b>2005-2012</b>	<ul style="list-style-type: none"> <li>• <b>PhD</b> Dept. of Computer Science and Engineering, Faculty of Electronic Engineering, Menoufiya University, EGYPT.</li> </ul>
<b>2003-2012</b>	<b>Assistant Lecture, Dept. of Computer Science and Engineering, Faculty of Electronic Engineering, Menoufiya University, EGYPT.</b>
<b>1998-2002</b>	<b>Demonstrator, Dept. of Computer Science and Engineering, Faculty of Electronic Engineering, Menoufiya University, EGYPT.</b>
<b>1998</b>	<b>Graduate Project (network), Dept. of Computer Science and Engineering, Faculty of Electronic Engineering, Menoufiya University, EGYPT.</b>

## *Teaching Interests*

- |                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• C++ Programming Language.</li> <li>• C# Programming Language.</li> <li>• Data Structure and Algorithms.</li> <li>• Data Communication.</li> <li>• Computer Networks. .</li> <li>• Compiler Design.</li> <li>• Vector processors</li> </ul> | <ul style="list-style-type: none"> <li>• Digital Logic Design.</li> <li>• Computer organization</li> <li>• Computer Architecture.</li> <li>• Peripheral Devices</li> <li>• Microprocessors.</li> <li>• Distributed systems.</li> <li>• Distributed Operating Systems</li> </ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## *Research Interests: (Networks and Distributed Systems)*

- Computer Networks
- Load balancing.
- Distributed computing
- Parallel and Distributed systems.
- Task Allocation and Scheduling
- parallel vector processors

## **Computer Skills**

<b>Operating Systems</b>	Dos, Windows, Linux.
<b>Programming Languages</b>	Basic, Pascal, C++, Object Oriented C++, Java, C#,
<b>Environments</b>	Word, Excel, PowerPoint, Access, Latex ...
<b>Computer Networks</b>	LAN (Ethernet), Network Simulator (NS-2), Internet.....

## **Additional Information:**

- Languages**
- **Arabic:** Mother tongue
  - **English**

## **Publications**

2002

*Nirmeen A. Bahnasawy, Fatma Omara, M. elRabeei, and Fawzy A. Torky* " task dispatching for parallel vector processors International Arab Conference on Information Technology (ACIT2002).

2009

*Nirmeen A. Bahnasawy, Gamal M. Attiya, Mervat Mosa and Magdy A. Koutb, "A Modified A\* Algorithm for Allocating Task in Heterogeneous Distributed Computing Systems " International Journal of "Computing", Vol. 8, Issue 2, PP. 50-57, 2009.*

2009

*Nirmeen A. Bahnasawy, Gamal M. Attiya, Mervat Mosa and Magdy A. Koutb, "A Modified A\* Algorithm for Allocating Task in Heterogeneous Distributed Computing Systems " ISC 2009, June 1-3, 2009, Quality Hotel Loughborough, Loughborough, United Kingdom.*

2010

*Nirmeen A. Bahnasawy, Fatma Omara, Magdy A. Koutb, Mervat Mosa "A New Algorithm For Static Task Scheduling For Heterogeneous Distributed Computing*

*Systems” International Journal of Information and Communication Technology  
vol. 1 No.1, p.p (10-19), May 2011.*

2011

***Nirmeen A. Bahnasawy, Fatma Omara, Magdy A. Koutb, And Mervat Mosa**  
“optimization Procedure for Algorithms of Task Scheduling in High Performance  
Heterogeneous Distributed Computing Systems”, Elsevier Journal. Computer  
Science, p.p (219-229) Dec, 2011.*