

CURRICULUM VITAE

Personal Information:

Name in Full : Feras Awad Yousef Mahmoud
Date and Place of Birth : May 6th, 1980, Kuwait
Religion : Muslim
Nationality : Jordanian
Gender : Male
Marital Status : Married
Languages : Arabic (*Native*) and English

Current Address:

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Academic Qualifications:

- 2006: M.Sc, • Dept. of Mathematics and Statistics, Jordan University of Science and Technology, Irbid, JORDAN.
 • **Degree Specialization:** Parallel Computing and Numerical Analysis.
 • **Title of M.Sc Thesis:** Parallel Implementation of an Efficient Algorithm for the Solution of Partial Differential Equations in a Cluster Computing Environment.
 • **Thesis Advisor:** Dr. Mohammad Hassan Al-Towaiq.
 • **Rating:** Excellent.
- 2003: B.Sc, • Dept. of Mathematics and Statistics, Jordan University of Science and Technology, Irbid, JORDAN.
 • **Rating:** Good.

Employment:

- October 2004 – June 2006 (Three Semesters), Teaching Assistant, Department of Mathematics and Statistics, Jordan University of Science and Technology, Irbid, JORDAN.
- November 2006 – September 2007, Part – Time Instructor, Department of Basic Sciences and Mathematics, Philadelphia University, Amman, JORDAN.
- September 2007 – Present, Full – Time Instructor, Department of Basic Sciences and Mathematics, Philadelphia University, Amman, JORDAN.

Training Courses:

1. A certificate for course completion in *MATHEMATICA* from the Wolfram Education Group. 12 training hours. **M101: A First Course in Mathematica.** February 19 – 20, 2006. Funded by: *Jordan University of Science and Technology.* Irbid. JORDAN.
2. A certificate for course completion in *MATHEMATICA* from the Wolfram Education Group. 8 training hours. **M221: Introduction to Programming in Mathematica.** March 16 & 18, 2009. Funded by: *Philadelphia University.* Amman. JORDAN.
3. Online "*Free Seminars Series*" from the Wolfram Education Group. 13 hours. June, 2008 – March, 2009. The seminars are:
 - A Brief Overview of *Mathematica.*
 - An overview of *Mathematica* for Education.
 - College Calculus with *Mathematica.*
 - Applied Parallel Computation with *grid-Mathematica.*
 - Creating Demonstrations.

- Importing and Exporting Data Formats in *Mathematica*.
- Introduction to Visualization with *Mathematica*.
- Data Collection.
- Statistics and Data Analysis with *Mathematica*.
- Image Processing with *Mathematica*.
- Discrete Calculus.
- Got Manipulate?
- Presentations with *Mathematica*.

Publications:

1. Feras A. Mahmoud and Mohammad H. Al-Towaiq, *Parallel Algorithm for the Solutions of PDEs in Linux Clustered Workstations*, Applied Mathematics and Computation. 200 (2008) 178 – 188.
2. Amin Witno and Feras Awad Mahmoud, *A Note on the Generalization of Elite Primes*, JP Journal of Algebra, Number Theory and Applications. 15 (2009) 53 – 63.
3. Feras Awad Mahmoud, *Solving some calculus problems*, Wolfram Library Archive/ MathSource/ Packages and Programs. Added: May 5, (2010).

Courses Taught at University Level:

- Jordan University of Science and Technology.
 1. Math 099 : Pre – Calculus. B.Sc level
 2. Math 235 : Probability and Statistics for Engineers. B.Sc level
- Philadelphia University.
 3. (210101) : Mathematics I. B.Sc level
 4. (210103) : Mathematics for Computing. B.Sc level
 5. (210106) : Mathematics for Engineers. B.Sc level
 6. (210235) : Bio–Statistics. B.Sc level
 7. (210331) : Design of Experiments. B.Sc level
 8. (210332) : Applied Probability (Markov Chain, Queuing). B.Sc level
 9. (210481) : Strategies for Teaching Mathematics B.Sc level
 10. (250102) : Calculus II. B.Sc level
 11. (250201) : Intermediate Analysis. B.Sc level
 12. (250203) : Ordinary Differential Equations. B.Sc level
 13. (250241) : Linear Algebra I. B.Sc level
 14. (250312) : Complex Analysis B.Sc level
 15. (250313) : Number Theory. B.Sc level
 16. (250341) : Linear Algebra II. B.Sc level
 17. (250351) : Graph Theory. B.Sc level
 18. (250372) : Computer Aided Mathematics. (*Mathematica*) B.Sc level
 19. (250473) : Advanced Applied Mathematics. B.Sc level
 20. (250492) : Special Topics. (Mathematical Programming) B.Sc level

Committees

1. Exams Committee. Department of Basic Sciences and Mathematics. Philadelphia University. September 2, 2007 – September 1, 2008 and September 2, 2009 – till now.
2. Web-Site Development Committee. Department of Basic Sciences and Mathematics. Philadelphia University. September 2, 2007 – September 2, 2009.
3. Academic Guidance & Scholastic Schedule Committee. Department of Basic Sciences and Mathematics. Philadelphia University. September 2, 2007 – till now.

Computer Skills and Softwares:

1. Mathematical Softwares : Wolfram Mathematica and Wolfram|Alpha.
2. Typesetting Softwares : Microsoft Office, Latex, Scientific Workplace.
3. Programming Languages : C, Visual Basic, MPI (Message Passing Interface).

References:

1. **Dr. Mohammad Hassan Al-Towaiq**, Department of Mathematics and Statistics, Jordan University of Science and Technology, Irbid, JORDAN.
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E-mail. towaiq@just.edu.jo

2. **Prof. Mahmoud Kishta**, Dean of Graduate Studies and Scientific Research, Philadelphia University, Amman, JORDAN.
Tel. (962) 6 – 4799000 Ext. 2388
E-mail. mkishta@philadelphia.edu.jo
3. **Dr. Khaled Hyasat**, Head of Basic Sciences Department, Philadelphia University, Amman, JORDAN.
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4. **Dr. Mohammad Abdullah Al-Refai**, Department of Mathematical Science, United Arab Emirates University, Al Ain, Abu Dhabi, UAE
Tel. (971) 3 – 7134263.
E-mail. m_alrefai@yahoo.com OR m_alrefai@uaeu.ac.ae
5. **Dr. Hussien Albadawi**, Department of Mathematics, College of Education for Girls (Scientific Sections), King Faisal University, Al Ahssa, Saudi Arabia
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E-mail. albadawi1@gmail.com

I hereby declare that the information provided in this C.V. is true complete and correct to the best of my knowledge and belief.

Signature: *Feras Awad Mahmoud*

Date: September, 2010.