**Anwar H. Almualim**

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**Education:**

2013-2016:PhD degree in Financial mathematics from University of Leicester, United Kingdom

With title thesis “ Dynamic Cooperative investment’’

2005 – 2009: Master Degree in Numerical Analysis at King Saud University in Riyadh, Saudi Arabia with 4.83 GPA out of 5.00. My area of research "Thesis" was about "Numerical Methods for Solving Certain Initial and Boundary Value Problems in Differential Equations". Also, I got a Honor of good Thesis and high GPA.

2000 – 2004: Bachelor degree in Mathematics at College of Science for Girls in Dammam, Saudi Arabia with result of %92.08. I got the degree with the Honor, which I got a training acceptance from one of the biggest companies Saudi Aramco.

**Research Interests:**

My area of interest will be focus on "Numerical Methods for Solving Certain Problem in Financial Analysis" by discovering new advance techniques so that will go through many processes of sequences such as spline methods like sixth degree and Quintic spline in financial matters. The research's techniques will open a new Financial generation performances, which will allow us not only the deal with it real smooth, but also give a whole picture of financial aspects that and tiny monetary office is going to experience.

**Employment:**

07/2004 – 09/2004 Saudi Aramco: the job was focusing about Development of Curriculum

In mathematics department .

08/2008 King Saud University: I have worked at king saud university as lecturer in Mathematics department.

**Skills:**

General skills in research project management, data analysis. Specific expertise and interests in:

* **Teaching Skills:**
* Currently a postgraduate lecturer in King Saud University, Saudi Arabia. Regularly, supervise practical for undergraduate students.
* Have lead several seminars for undergraduates in the mathematics and the computer science department.

**Published Paper:**

* Have paper published in International Journal of Pure and Applied Mathematics
* “ Quintic Spline Method for Slving two Point Boundary Value Problems”
* Volume 59 no. 2 2010,195-202
* English skilles from the United State of America at Florida State University.
* Cooperative investment in a multi-period portfolio optimisation. In Proceedings of the Eighth Saudi Students Conference in the UK, pages 599–609. World Scientiﬁc, 2016
* Cooperative investment in multi-period on garch with dynamic programming approach. In Proceedings of the Ninth Saudi Students Conference in the UK, page in process. Spring, 2016

Conferences:

* The eighth Saudi conference, London, U.K, January/ 2015
* The ninth Saudi Conference in Birmingham, U.K, February/ 2016.
* Applied Mathematics Conference in Birmingham , U.K, 2016
* Methods of financial mathematics in Carnegine Mellon University, Pittsburg, PS, 2015
* **Time Management:**
* It was important to complete my research after PhD . I also met without fail, the many deadlines in my teaching and supervisory duties. I have extensive experience of juggling different tasks and bringing these to a successful conclusion.
* **Other skills:**
* Knowledge of research methodologies.
* Mathematical software: MATLAB.
* Data and information collection.

**References:**

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| **Dr. Eisa A. Al-Said** Department of Mathematics  King Saud University Saudi Arabia | **Dr. Salah Mehamed** Hasan Department of Mathematics  King Saud University Saudi Arabia |