

# Curriculum Vitae

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Richland College  
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Dallas, TX 75243

## Education

Mohammed V University, Rabat, Morocco  
Ph.D. in Mathematics  
Joint Supervision at Columbia University, New York, NY (Fulbright Scholar)

Ibn Tofail University, Kénitra, Morocco  
M.Sc. in Applied Analysis and Mathematical Engineering

Mohammed V University, Rabat, Morocco  
B.Sc. in Mathematics

## Teaching Experience

**Collège Royal (*Education of Moroccan Royal Family and Moroccan Elite*)** Oct. 2012 – Jul. 2013  
Engineering and Business Administration Program (*in English*)  
Program Director and Professor of Calculus I-II-III, Linear Algebra, Operations Management,  
Corporate Finance, Business Statistics, Microeconomics, Macroeconomics

**Columbia University, School of Engineering and Applied Science** Dec. 2011 – Jun. 2012  
Co-Instructor of Operations Consulting (IEOR E4111) and  
Advanced Engineering and Corporate Economics (IEOR E4403)

**Mohammed V University, Faculty of Science** Sep. – Dec. 2010  
Adjunct Professor of Optimization

**Ibn Tofail University, Faculty of Science** Sep. – Dec. 2010  
Adjunct Professor of Mathematical Programming

## Publications and Papers

"A Closed-Form Solution for a Dynamic Pricing Model with Reference Price Effect", Journal of Applied  
Mathematical Sciences, Vol. 8, no. 34, 1693 – 1701. (2014)

"Dynamic Pricing for Multiple Products with Consumer Reference Price Effect", International Journal of  
Applied Mathematics and Statistics, Vol. 52, 2, 1–14. (2014)

I certify that statements made by me in this vitae are true, complete and correct.

"Dynamic Pricing in the Presence of Competition with Reference Price Effect", Journal of Applied Mathematical Sciences, Vol. 8, no. 74, 3693 – 3708. (2014)

"A Closed-Form Solution for a Dynamic Pricing Model with Reference Price Effect", June 2012  
Paper presented at INFORMS MSOM CONFERENCE at Columbia University, New York, United States

"An Airline Dynamic Model for Pricing and Over-booking", April 2010  
Paper presented at the 5th International Conference on Inverse Problems, Control and Shape Optimization at Politécnica University in Cartagena, Spain

"Sustainable Management Approach in Decision-Making", November 2009  
Paper presented at the Congress of Biomathematics and Biomechanics in Tozeur, Tunisia

"Mathematical Decision-Making in Business and Social Sciences", July 2008  
Paper presented at the Days of Computer Science and Mathematics Decision-Making, Second Edition at ENSIAS in Rabat, Morocco

"Impact of Mathematics Research on Economics Development", May 2008  
Paper presented at the Third International Scientific Forum of Moroccan Economists at ENCG in Tangiers, Morocco

"Decision Support for Airlines and Hotels", April 2008  
Paper presented at the 4th International Conference on Inverse Problems, Control and Shape Optimization at Semlalia Faculty of Science in Marrakech, Morocco

## **Relevant Work Experience**

**Atlas Hospitality Hotel Group, Atlas Essaouira & Spa**

Dec. 2010 – Mar. 2011

Consultant: Built Demand Forecast. Implemented a Pricing System for Online Sales

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