Jana Salim

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EDUCATION

Dec 2018-March 2019 — **EMERITUS Institute of Management and Columbia School of Engineering**
Applied Machine Learning

Sep 2015-June 2019 — **Shandong University** — **Jinan, China**
PhD Scholar of Quantitative Economics
Awarded "Chinese Government Council-CSC" **Scholarship** from the Lebanese Ministry of Education.
Expected GPA 3.7

Nov 2011-March 2014 — **Lebanese University** — **Beirut, Lebanon**
Master of Actuarial Sciences
Courses taken: Machine Learning, Multivariate Time Series, Actuarial Mathematics II, Risk Management, Statistics, Credibility, Econometrics, Portfolio Management/Asset,

Sep 2008-Oct 2011 — **Lebanese University** — **Beirut, Lebanon**
Bachelor /B.S. of Mathematics

EXPERIENCE

Sep 2019-Oct 2019 — **Rafik Harriri University** — **Mechref, Lebanon**
Assistant Professor
- Teaching Fundamentals of Data Analysis, Quantitative Methods for Undergraduate Students, and Introduction to Management Science for MBAs.

Sep 2017-June 2018 — **University of Tennessee** — **Knoxville, USA**
Research Visit Scholar, Business Analytics Department
- Writing the final dissertation plus Grading statistics course 579

Jan 2016-March 2016 — **Finance-In-Motion** — **Cairo, Egypt**
PhD Intern
- Worked with the manager and the analyst through incorporating the investment process for SANAD fund, in its lending to the investee (financial institutions), for the purpose of on lending to MSMEs.
- Participated in conducting the Due Diligence (DD) and reporting the balance sheet of the potential investee for ensuring their minimum standards of eligibility.

Sep 2013-June 2015 — **Lala Public High School** — **West Bekaa, Lebanon**
Mathematics Teacher
- Taught Mathematics for three Intermediate classes composed of 25 students each.
- Improved the level of students by creating special projects and assignments for each class.

June 2013-Aug 2013 — **Blom Bank, s.a.l** — **Beirut, Lebanon**
Masters Intern
- Worked on the master's thesis: Stress Testing under statistical and mathematical models.
- Designed the model to study the worst case scenario where in case a certain Crisis occurs; we assess its effects on certain risk factors by studying the distribution and the dependences and by calculating the parametric Value at Risk.
- Analyzed the effect of the historical distribution study of the risk factors on the whole bank financials.

April 2012-June 2012 — **Allianz SNA Insurance Company** — **Beirut, Lebanon**
Sales Person
- Boosted the sales of new life and non-life insurance products.
- Developed the way of pitching the new insurance products to people every day.

Aug 2012 — **Central Bank of Lebanon** — **Beirut, Lebanon**
Intern
- Conducted a report about the bank's role, lessons learned and recommendations.

Aug 2012 — **Bank of Beirut and the Arab Countries-BBAC** — **Beirut, Lebanon**
Intern
- Coordinated with the customer service manager to open new savings bank books for the clients.

Working Papers

- First paper: "Copula Model Selection of Stock Return Time Series Using Information Complexity", published in Journal of Business Theory and Practice. Presented at IC-SMHD-2016 (International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications in Turkey). Earned **Second place award** for the best presentation award in the conference.

- Second Paper: "Real Estate Bubbles in China, Causes and Future Expectations/Solutions". Presented at ICEFR 2017 (6th International Conference on Economics and Finance Research, Kyoto, Japan). Accepted and Published at IJTEF journal.
- Third Paper: "A Novel Approach to Forecasting High-Dimensional S&P 500 Portfolio Using VARX Model with Information Complexity". On the process to be published soon.

SKILLS

COMPUTER SKILLS: Proficient in MATLAB ,R, Stata, SPSS, Python, Excel/VBA, Maple and Internet, MS Access
LANGUAGES: Arabic: **Native** language, **fluent** in English (writing, reading and speaking), **Controversial ability** in French and Mandarin with basic knowledge in Spanish.

SOFT SKILLS: Leadership, excellent oral and written communication skills, critical thinker, extremely motivated, great thirst for learning, respond well to criticism.

REFERENCES AVAILABLE UPON REQUEST

Dr. Hamparsum Bozdogan, Professor at Department of Business Analytics, University of Tennessee,
Contact Email**: bozdogan@utk.edu**, phone number: **+1(865)748-8209**
Dr. Chafic Merhe: Head of Research Team at Ostrum Asset Management, France
Contact Email**: chaficmerhy@yahoo.com**

Dr. Pierre Sebaalany, Chief Executive Officer (CEO) at Bancassurance, Lebanon
Contact phone number: **+961(3)351393**

Dr. Ren YenYen, Professor at the School of Economics, Shandong University, China
Contact Email: **ryy1996@163.com**, phone number: **+86-133-25111966**