Baret Khamisian

August 20, 1995
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EDUCATION

2019	**Master of Science - Financial Mathematics** Notre Dame University - Zouk Mosbeh
2016	**Bachelor of Science - Statistics** Lebanese University - Fanar
2013	**Lebanese Baccalaureate - General Science** Shamelian Tatikian High School - Bourj Hammoud

WORK EXPERIENCE

08/2017 – 05/2019 — **Graduate Teaching Assistant, Notre Dame University, Zouk Mosbeh, Lebanon**

Responsibilities:
- Taught three sections statistics for freshman, two sections biostatistics and statistics for humanities, and one section math for business and economics
- Prepared and presented lessons that enabled students to learn problem solving skills
- Developed and maintained a comfortable and orderly classroom that promotes and supports learning
- Updated all necessary records accurately and completely as required by law, district policies and university regulations
- Performed certain duties including student support, counseling students with academic problems and providing student encouragement

11/2016 – 12/2016 — **Data Analyst Intern, Howard Karagheusian Commemorative Corporation, Beirut, Lebanon**

Responsibilities:
- Monitored, collected and analyzed data of patients flow in the clinic to identify the key variables affecting patients waiting time
- Performed, by using SPSS, the Chi-square test to compare differences between proportions
- Assisted with daily tasks, reports, and presentations
- Created charts and visualizations
- Used the result of the analysis as a basis for recommending changes to improve efficiency and quality in the clinic

PROFESSIONAL DEVELOPMENT

11/2019

Data Science Visualization
Certificate from edX, in partnership with HarvardX, an online learning initiative of Harvard University
Learning outcomes:
- Principles of data visualization and exploratory data analysis to better communicate data-driven findings and detect flaws
- Employing ggplot2, a data visualization package for the statistical programming language R, to create custom plots
- Summarizing data by utilizing the R package dplyr

11/2019

Data Science Inference and Modeling
Certificate from edX, in partnership with HarvardX, an online learning initiative of Harvard University
Learning outcomes:
- Understanding parameter estimates and margin of errors to make predictions about data
- Employing Bayesian statistics and predictive modeling in R language
- Utilizing models to aggregate data from different sources

COMPUTER SKILLS

Intermediate knowledge:
- R Statistical Software
- SPSS
- Microsoft Word/Excel/PowerPoint
- Latex

Basic knowledge:
- C++
- MySQL
- Maple

LANGUAGES

- **Armenian:** Native language
- **English:** Fluent
- **Arabic:** Fluent
- **French:** Basic knowledge

INTERESTS AND ACTIVITIES

- Technology
- Team Sports
- Research
- Riddles/Puzzles

REFERENCES

Available upon request