Liana Isayan

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You can click

Glimpse my interactive CV @ https://lianais.github.io/CV-/

Work Experience

Nov-2016 - current   Senior Analyst, MI and Business Intelligence Center, *"Ameriabank" CJSC*

- *Monthly report on the macroeconomic situation of the Republic of Armenia (Power BI)*
  - ✓ *Applied methods: Nelson-Siegel - yield curve estimation, Hodrick-Prescott filtering, SARIMAX forecasting and Intervention analysis, OLS and Panel regression models, classification, networks analysis, etc.*
- *Monthly report on the bank's actual vs budget figures*
  - ✓ *Applied methods: Factor/contribution analysis, Network/graph analysis and ranking (Perron-Frobenius theorem, FTP and Cost allocation processes, etc.)*
- *Analysis of the effectiveness of different business directions, separate services, and markets; if necessary, presentation to beneficiaries and governing bodies*
  - ✓ *Applied methods: Survival analysis, Prophet method forecasting, J score indexing, classification, etc.*
- *Materials for the bank's strategy discussions, annual, semi-annual reports, etc.*

Intern (GA6) — OPs junior specialist — OPs specialist — Analyst — **Senior Analyst**

Education

Institution name	Yerevan State University
Department	Mathematics and Mechanics
Specialization	Applied Statistics and Data Science
Educational level	

2021 – 2023   Master's degree

Completed courses: Applied statistics (R), Basic Math, Probability, Optimization, Econometrics I, Python I

Current courses: Bayesian Statistics, Time Series, Data Mining, Data Visualization, Big Data, ML I, Python II

Institution name	Armenian State University of Economics
Department	RE & IER
Specialization	Theory of Economics
Educational level	

2019 – 2022   PhD student

Dissertation: "Problems of interaction between social capital and economic growth (by the example of RA)"

2017 – 2019   Master's degree   *Cumulative GPA*   99.68

Thesis topic: "Institutional prerequisites of economic growth"

2013 - 2017   Bachelor   *Cumulative GPA*   98.79

Thesis topic: "Theoretical concept of behavioral finance"

Nominal scholarships winner named after M. Kotanyan (to the best student of the faculty), 2016-17

Computing Skills

MS office, Power BI (*familiar with* DAX and M), Eviews, AS bank, R language (dplyr, ggplot2, igraph, etc.), Python (basic knowledge of Pandas, Numpy, Matplotlib, etc.), Bloomberg terminal, *familiar with* SQL, PySpark, Domo, SPSS, MetaTrader, HTML, CSS, Java Script, React JS,

Languages

Armenian – Excellent, Russian – Good, English – Excellent (TOEFL ibt score: 88)

Other

- The Data Science Course 2021: Complete Data Science Bootcamp (statistics, probability, Python, etc. - ongoing), Udemy, 2021
- Financial modeling & valuation analyst (FMVA certification), 2021
- Research group member, "Amberd" Research Center, ASUE, Oct-2018 - Apr-2020
- "Oikonomia/Hoikonomia" wordpress blog was created: https://hoikonomia.wordpress.com/ , Participation in the Y Combinator Startup School, 2018
- Java Script, React JS lessons, Innovative Solutions and Technologies Center – ISTC (certificate), 2017
- Research assistant, "Amberd" Research Center, ASUE, May-2016 – Jul-2017