

Rayan Ahmad

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SUMMARY

As a recent MSc. graduate with Honors in Economics from Tilburg University specializing in Behavioral Economics, I have a strong background in programming, mathematics, data analysis and research. Highly efficient, I perform effectively under pressure and adapt to dynamic environments. My excellent communication skills allow me to work well in a collaborative setting.

SKILLS

• Python, Jupyter Notebook • R, RStudio • SQL • Survey, Qualtrics • Data Transformation and Visualization (Python, R, Microsoft Excel) • Econometric and Quantitative Analysis (R, Python) • Causal Inference • Regression Analysis • Randomized Controlled Trials (RCT) • Problem-Solving • Data Cleaning • Microsoft Office Suite • Google Workspace • LaTeX

EDUCATION

Master of Science in Economics 02/2022 – 01/2024

Graduated with Honors

Tilburg University — Tilburg, Netherlands

Coursework includes: Game Theory, Econometrics, Economics and Psychology of Risk and Time, Economics and Psychology of Social Norms and Strategic Behavior, Python for Economists, Environmental and Resource Economics, Health Economics.

Bachelor of Science in Economics 08/2016 – 01/2020

Graduated with Honors

Lebanese American University — Beirut, Lebanon

Coursework includes: Microeconomics, Macroeconomics, Calculus III, Discrete Structures, Probability and Statistics, Linear Algebra, Economics of Organization, Theory of Interest, Actuarial Mathematics.

WORK EXPERIENCE

Private Tutor 09/2018 – 10/2019

Self-employed — Beirut, Lebanon

- Tutored high school students in the subjects of Mathematics, Physics, and Chemistry.
- Provided homework targeted at areas in which students needed guidance.
- Helped students improve their academic performance by increasing their grade averages by 33%.
- Offered expanded explanation for the study material which helped students reach a better understanding of the topics reviewed.

Sales Associate 06/2017 – 08/2018

Nino Store — Beirut, Lebanon

- Increased customer retention by creating a customer-centric game rating system for tailored recommendations.
 - Managed product display, including organizing and replenishing stock.
 - Trained new co-workers on the use of the POS system and handling of transactions.
 - Acted as the first point of contact for client inquiries and customer support.
 - Gathered and implemented customer feedback for an improved client experience.
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PROJECTS

Master's Thesis

Formed a dataset using a randomized survey created in Qualtrics. Cleaned dataset in Microsoft Excel. Analyzed and visualized data using R. Integrated mathematical equations into the thesis writing using LaTeX.

Python Project

Replicated the analysis of a theoretical economic paper using the NumPy, Pandas, TensorFlow, and Matplotlib libraries.

Languages

- English – C1 level (Academic IELTS)
- Arabic – Native
- Dutch – A2 level (UvA Talen)