

# 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.

## 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)