ALEXANDRA MANTA

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EDUCATION

Emory University, Atlanta, USA   *August 2018 - Present*
Ph.D. in Economics
Courses completed: Econometric Methods I & II, Macroeconomic Theory I & II, Microeconomic Theory I & II, Numerical Analysis I & II, Probability Theory & Statistical Inference, Quantitative Methods I & II, Time Series Econometrics, Health Economics II, Empirical Industrial Organization.

National and Kapodistrian University of Athens (UOA), Greece   *2016*
B.A. in Economics, Top of my class of 2016, GPA: 9.03/10.0

RESEARCH INTERESTS

Econometrics of Networks, Social Interactions, and Multilayer Networks.

ACADEMIC RESEARCH & EXPERIENCE

Emory University, Atlanta, USA
Thesis Research, under the supervision of Prof. David Jacho-Chávez.

- In the Fall 2019 semester, I proceeded to complete the "Social and Economic Networks: Models and Analysis" Coursera module by Prof. Matthew Jackson (Standford University).

- In the Spring 2020, I lead a bi-weekly reading course on "*Multilayer Networks*" based on the most recent literature on the field. The presentations were created using LaTeX Beamer.

- In the Summer 2020, I worked on the identification and estimation of a Multiplex Linear-in-Means model, parts of my research working paper "Identification and Estimation of Social Effects in Multilayered Networks." Additionally, I attended *Oxford Summer School in Economic Networks* and I presented my research. The presentation included network visualizations using Python and the GitHub repository "Multilayer-networks-library" by Dr. Mikko Kivelä, Assistant Professor at Aalto University.

- During the Fall 2020, I worked on an extensive numerical exercise and an empirical application, parts of my working paper. For this purpose, I used an octa-core virtual computer that I built on Amazon Web Services (AWS) as well as Python. For the empirical application, I built a Python class able to estimate a Multiplex Linear-in-Means model with real data from TransUnion, sponsored by the Bank of Canada. For network visualizations, I used Python's packages matplotlib, tikzplotlib and NetworkX. In November, I presented my working paper to the faculty of the Economics Department at Emory University.

Emory University, Atlanta, USA
Research Assistant to Prof. Caroline Fohlin. Duties include literature review, construction of relevant bibliography data base and data analysis using Eviews and Stata.

University of Athens (UOA), Athens, Greece
Assistant Researcher, Center of Financial Studies and Education (CFS), and the Laboratory for Investment Applications. Duties included text editing, work reports, data importing and data analysis. The project was conducted under the supervision of the scientific director Dr. Panayotis Alexakis.

WORK EXPERIENCE

Ministry of Economy & Development, Greece *2018*
Project Manager

Project: "Upgraded Mapping of Sectors in Greece," in cooperation with the World Bank and the Hellenic Statistical Authority. Duties included data merging in one MS Excel file, data analysis and visualization, work reports, meeting presentations and a final report submission.

LANGUAGES AND OTHER SKILLS

Software & Tools	Eviews, LaTeX, Mathematica, Matlab, MS Office, Python, R, Stata
Languages	English (fluent), Greek (native)

ACADEMIC AWARDS

- Leventis Foundation Scholarship *2019*
- Gerondelis Foundation Scholarship *2019*
- Ph.D. Full Scholarship, Emory University *2018-present*
- Graduation with Honors in the BA in Economics,
  National and Kapodistrian University of Athens (UOA), Greece *2016*

EXTRA-CURRICULAR

- Participant at Economics Department's Soccer Match & Picnic, Emory University *April 2019*
- Member of the Taiwanese Student Association at Emory University *2019-present*
- Member of Athens Authentic Marathon running
  and Athens Classic Marathon running, Greece *2010-2017*
- Member of the Volleyball team $\Delta AO\Pi$ (Honors), Athens, Greece. *2006-2017*

REFERENCES

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