

Manuel Martinez

Curriculum Vitae

PERSONAL DETAILS

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EDUCATION

B.A. Economics 2015-2016

Southern Connecticut State University

- Honors: Magna Cum Laude
- Minor: Sociology
- GPA: 3.72, Dean's list for four semesters

A.A. Liberal Arts & Sciences 2012-2014

Gateway Community College

- Dual Admission Program with SCSU
- GPA: 3.85, Dean's List for four semesters

WORK EXPERIENCE

Data Analyst Apr 2019-Present

ConsiliumBots, Part-time — New Haven, CT

Engineered simple NLP frameworks which coupled with predictive risk systems were used to help families explore the universe of educational choices and to avoid risk in their applications. Produced reports and data consulting for local government administrators in New Haven, CT in the context of a public school district.

Research Assistant Oct 2017-Present

National Bureau of Economic Research, Full-time — New Haven, CT

Conducted applied microeconomics research for NBER's Faculty Research Fellow [Christopher Neilson](#), whose research focuses on education markets. Worked closely with local government in the implementation of a new (to the district) matching algorithm for New Haven's school choice program.

Research Associate Jun 2018-Feb 2019

Abdul Latif Jameel Poverty Action Lab (J-PAL), Full-time — Santo Domingo, Dominican Republic

Conducted research on two *separate* topics. Implemented multiple RCTs, both on the effects of families' beliefs on education markets, and on the reduction of free-riding in public goods through cost-effective behavioral nudges.

Research Associate

May 2017-Oct 2017

Princeton University, Full-time — New Haven, CT

Conducted empirical research on educational market design. Implemented the *Heterogeneous Beliefs and School Choice Mechanisms* field survey in New Haven, CT. The project involved a household survey aimed at eliciting and capturing the beliefs of families with respect New Haven's school choice program.

Business Analyst

May 2017-May 2018

Arakelian Rugs, Part-time — New Haven, CT

Leveraged data swamps to improve business practices. This led to the implementation of several *complementary* services, which coupled with better customer retention strategies led to an improvement in cash-flow management

Business Manager

Aug 2016-May 2017

Arakelian Rugs, Full-time — New Haven, CT

Brought a 100-year-old brick-and-mortar retail store into the 21st century by *successfully* implementing modern inventory, customer, and billing tracking.

Tutor

Oct 2016-Dec 2016

Southern Connecticut State University, Part-time — New Haven, CT

Tutored struggling students in the following courses: Intro to Microeconomics, Intro to Macroeconomics, Intermediate Microeconomic Analysis, Intermediate Macroeconomic Analysis, Statistics and Introduction to Computers and Applications.

Intern

May 2016-Aug-2016

City of New Haven - Economic Development Department, Full-time — New Haven, CT

Assembled a lengthy document that is the City's main report to bond-rating agencies, which is then used by these (supposedly) to calculate the City's municipal bond rates. The document highlights the main economic developments of the City, which requires developing and maintaining close relationships with local businesses

SKILLS

<i>Languages</i>	Spanish (native tongue) English (fluent)
<i>Programming</i>	Advanced: Python (assorted data analysis packages), STATA Proficient: R, SQL, Unix, PowerShell, \LaTeX Novice: HTML, Go, Julia, JavaScript

CERTIFICATIONS

<i>MOOCs</i>	- Mathematics For Machine Learning Specialization, Coursera - Data Science with Python Career Track Certification, DataCamp - Python Programmer Career Track Certification, DataCamp - Data Analyst with Python Career Track Certification, DataCamp - Applied Data Science with Python Specialization, Coursera
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REFERENCES

Available upon request