

Manuel Martinez

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PERSONAL DETAILS

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EDUCATION

B.A. Economics 2015-2016

Southern Connecticut State University

- Honors: Magna Cum Laude
- Minor: Sociology

A.A. Liberal Arts & Sciences 2012-2014

Gateway Community College

WORK EXPERIENCE

Research Analyst Jan 2020-Present

Yale University, Full-time — New Haven, CT

Research the design and evaluation of changes to centralized school choice systems in order to increase equity and transparency, and to evaluate the effects of these changes on achievement, school segregation, and school welfare using a combination of detailed administrative data, surveys, and economic modeling.

Data Scientist Apr 2019-Present

ConsiliumBots, Part-time — New Haven, CT

Performed econometric and public policy analysis for different projects within the context of educational market design. Engineered and designed web systems that help families navigate complicated school choice processes. Designed and implemented day-to-day ETL pipelines for institutional and public data reporting for local government administrators in New Haven, CT as part of a partnership between ConsiliumBots and the New Haven Public Schools.

Research Analyst Oct 2017-Dec 2019

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 the study of public policy, design and regulation in 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 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. 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.

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

CERTIFICATIONS

<i>MOOCs</i>	<ul style="list-style-type: none">- Python 3 Programming Specialization — Coursera- Mathematics For Machine Learning Specialization — Coursera- Data Science with Python Career Track — DataCamp- Python Programmer Career Track — DataCamp- Data Analyst with Python Career Track — DataCamp- Applied Data Science with Python Specialization — Coursera- Python For Everybody Specialization — Coursera
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