

# Michael Cai

## WORK EXPERIENCE

SEPTEMBER 2015 – PRESENT

Research Assistant

### *NYU Stern Urbanization Project*

*Under the supervision of Professor Paul Romer*

Worked on an automated shell script build of an Amazon Web Services EC2 instance running a Hiawatha web server with a PostgreSQL/PostGIS database backend to serve up a Wikipedia page of various city data.

JUNE 2015 – JULY 2015

Policy Research Intern

### *Center for Open Data Enterprise*

Wrote shorter policy briefs ( 5 pages) and contributed to more extensive policy papers ( 10-15 pages) on the importance of open governmental data in partnership with a World Bank Open Data working group.

AUGUST 2014 – NOVEMBER 2014

Research Intern

### *The Governance Lab*

Provided general assistance in researching the Open Data 500 project, the first comprehensive study of U.S. companies that use open government data to generate new business and develop new products and services.

Audited the 500 company survey replies for quality and supplemented the responses with additional individual company descriptions.

FEBRUARY 2014 - MAY 2014

Research Assistant

### *NYU Stern School of Business*

*Under the supervision of Professor Jeanne Calderon*

Documented the types of projects that the EB-5 treatment encompassed, including EB-5 investment made indirectly through Regional Centers owned by major U.S. developers such as Silverstein, Related, Extell and Durst.

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## EDUCATION

2013-2017 **Bachelor of Science  
in Economics**  
**GPA: 3.89**  
MINOR IN MATHEMATICS  
New York University  
Stern School of Business

## COURSEWORK

ECONOMICS	Macroeconomic Foundations for Asset Prices, Competitive Analysis, Quantitative Economics with Python, Econometrics
MATHEMATICS	Calculus II, Linear Algebra, Linear Algebra I (Graduate Level)

## ORGANIZATIONS

2015	<b>Economics Honors Society</b> Member
2014	<b>Association for Computing Machinery</b> Member
2014	<b>tech@nyu</b> Executive Board - Business Development
2013	<b>Quantitative Finance Society</b> Member

## TECHNOLOGIES

PROFICIENT	Python: NumPy, Pandas, matplotlib
INTERMEDIATE	R, MATLAB, $\LaTeX$ , MySQL/PostgreSQL
FAMILIAR	Mathematica, Amazon Web Services EC2, Shell