

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

ORGANIZATIONS

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

TECHNOLOGIES

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