

FRANCISCO JAVIER ARCEO

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<http://franciscojavierarceo.github.com>

SKILLS

Computer Languages	R, Python, Theano, Git, SAS, STATA, SQL, Hive, UNIX, L ^A T _E X
Quantitative Methods	Machine Learning, Deep Learning, Bayesian Methods, Econometrics

EXPERIENCE

Commonwealth Bank of Australia	January 2015 - Present
<i>Data Scientist - Senior Associate</i>	<i>New York, NY</i>

- Apply machine learning to optimize risk decision strategies for expansion in emerging markets
- Build predictive models to identify organizational/conduct risk and optimize staff surveillance
- Utilize various APIs to leverage structured and unstructured data for risk and marketing
- Investigate new technologies, vendors, and algorithms to identify valuable tools and methods

American International Group, Inc.	March 2014 - December 2014
<i>Data Scientist - Senior Analyst</i>	<i>New York, NY</i>

- Delivered data-driven insights to senior leadership across various lines of businesses
- Extracted textual data for natural language processing and data mining
- Developed junior analysts by providing analytical training and mentorship
- Provided technical expertise and assessments in the recruitment process

American International Group, Inc.	November 2012 - March 2014
<i>Data Scientist - Analyst II</i>	<i>New York, NY</i>

- Consulted for first sixth months then brought on as staff; promoted ten months thereafter

Ipsos - MMA	January 2012 - November 2012
<i>Analytic Consultant</i>	<i>New York, NY</i>

- Built datasets for forecasting by processing and cleaning data from various sources
- Executed models to estimate and optimize return on investment for various marketing tactics
- Presented analytical insights to clients' executive team to drive business strategies

EDUCATION

Columbia University in the City of New York	<i>Dec. 2016</i>
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M.S., Data Science

Clemson University	<i>Dec. 2011</i>
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M.S., Economics & Statistics

Illinois State University	<i>Dec. 2010</i>
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B.S., Economics

PHILANTHROPY

Big Brothers and Big Sisters of New York City	June 2012 - Present
<i>Big Brother</i>	<i>New York, NY</i>

- Counsel inner city children, provide emotional support to encourage the development of their future

Community Impact	June 2012 - December 2013
<i>GED Instructor</i>	<i>New York, NY</i>

- Volunteer as an elementary mathematics instructor with Columbia's GED program