

Steven Russell Soloway

stevenrsoloway.com | LinkedIn
me@steven.rs | +13476804545 | Gmail

EDUCATION

HUNTER COLLEGE

MASTERS, ECONOMICS
May 2013 | New York, NY
Thesis: *Fuelswitching and Human Health*

VANDERBILT UNIVERSITY

BACHELORS, ECONOMICS
May 2009 | Nashville, TN
Awarded Full-Tuition Scholarship to attend.

SKILLS

PROGRAMMING

>10,000 Lines:
R • Shell • SQL • Stata

>1,000 Lines:
Stan • Python • Javascript • L^AT_EX

>100 Lines:
Matlab • Julia • HTML/XML/CSS

ENVIRONMENTS

Statistical:
CRAN ML, RStan, JAGS, GPStuff

Database:
Postgres, CDH5, MongoDB

Geo:
GDAL, PostGIS, Esri, OSM

Web:
MEAN, D3.js, Leaflet

INTERESTS

Numerical:
Bayesian Statistics
Nonparametric Regression
MCMC Design

Computing:
Linux
Distributed Computing
Single-Board Computers

Academic:
Information Theory
Behavioral Economics

EXPERIENCE

MELINAE | HEAD OF DATA SCIENCE

Jan 2015 - Present | Hoboken, NJ

- Maintain a self-designed and self-implemented 3rd generation Analytics-as-a-Service platform for a large retail chain. The platform is fully integrated into the company's Capex decisionmaking.
- Lead technical discussions with client company executives and significant stakeholders.
- Developed an algorithm to predict customer level price elasticity for a privately owned toll road.

MELINAE | CONSULTANT

Aug 2013 - Jan 2015 | Hoboken, NJ

- Managed a team of scientists and developers for nearly all technical client assignments, including development of 2nd generation site-selection analytics platform.
- Constructed the 1st generation site-selection algorithm (Nov. 2013), beginning the engagement that has flourished into the current AaaS role.
- Developed a customized data deduplication model for deployment into a public technology company's CRM systems.

POLICY INTEGRITY | RESEARCH FELLOW

Jan 2012 - Aug 2013 | New York, NY

- Coinvestigated an interdisciplinary (Law, Economics, Epidemiology) grant-funded research project estimating the relationship between electric power fuel input markets and respiratory health in New York City.
- Designed the econometric model used in the study.

POLICY INTEGRITY | RESEARCH ASSOCIATE

Jun 2010 - Jan 2012 | New York, NY

- Engaged in development related activities and played a pivotal role in securing funding from two foundations, the latter of which funded my masters thesis research.
- Served more generally as a junior economist.

PUBLICATIONS & PRESENTATIONS

- [1] Soloway, S. and Holladay, J. Scott. The Environmental Impacts of Fuelswitching Power Plants. *The Energy Journal*. (in press).
- [2] Soloway, S. The Environmental Impacts of Fuelswitching Power Plants. *Policy Integrity Winter Presentation Series* 2013.
- [3] Soloway, S. Fuelswitching and Human Health: Moving From Oil to Gas at NYC Electricity Generation Facilities. Masters Thesis. Hunter College and Robert Wood Johnson Foundation, 2013.
- [4] Soloway, S., Schwartz, Jason A., and Cromar, Kevin. Peak Efficiency: How Regulating Electricity Demand Could Save Lives in New York City. Report, Policy Integrity, 2012.
- [5] Soloway, S., Holladay, Scott J., and Glusman, A.J. Internet Benefits: Consumer Surplus and Net Neutrality. Report, Policy Integrity, 2011.