

Elena Dulys

Boulder, Colorado
<http://www.elenadulys.com>

ABOUT

I harness data to make a difference.

FLUENCY

Python

R

English

Spanish

WORK

Simple Energy

Data Scientist, 2016 - present (Boulder, CO)

Scientific, algorithmic, and product design and analytics in the arena of energy, marketing, and e-commerce.

- ▶ design randomized control trials
- ▶ analyze behavioral energy programs using statistical methods
- ▶ author and maintain machine-learning algorithms
- ▶ answer difficult business questions by harnessing information, programming, and mathematics
- ▶ measure and forecast company performance
- ▶ discover insights to drive company success
- ▶ review behavioral science literature to inform product design

The Cadmus Group

Energy Services Intern, 2015 - 2016 (Lansing, MI)

Data analytics and reporting for utility energy efficiency programs.

- ▶ analyze and report utility program performance based on Likert-based customer satisfaction ratings / the "Net Promoter Score" from utility customer surveys
- ▶ verify reported deemed savings for Consumers Energy
- ▶ assist with research implementation for energy efficient measures
- ▶ complete administrative work associated with energy efficiency program implementation

Michigan State University

Impact Research Analyst, 2013 - 2014 (East Lansing, Michigan)

- ▶ Utilized propensity-score matching to analyze a contaminated randomized control trial.

Virginia Tech

Sustainability Coordinator, 2011 - 2012 (Blacksburg, VA)

- ▶ Coordinated and implemented campus-wide composting, recycling, food donation, local food procurement, and a campus farm for a 30,000 meal per day university dining program.

EDUCATION

Michigan State University (East Lansing, Michigan)

M.Sc. Applied Economics, 2016

Virginia Tech (Blacksburg, VA)

B.Sc. Environmental Policy & Planning, 2010, summa cum laude

SERVICE

United States Peace Corps (Panama)

Sustainable Agriculture Systems Volunteer, 2013 - 2015

PUBLICATIONS

Timber Residue Supply for Bioenergy in the Northern Tier of the Great Lakes: Determinants and availability forthcoming in Biomass and Bioenergy

Raising the Incomes of Smallholder Farmers in the Central Highlands of Angola: A Model Project for Improving Agricultural Value Chains in Post-Conflict Nations as a grant report white paper for the Bill and Melinda Gates Foundation

Benefits, Barriers, and Challenges to University-Level Food Waste Tracking in the *Journal of Hunger and Environmental Nutrition*