

# 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, 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*