Contact Info
(503)-481-0314
hillosand@gmail.com

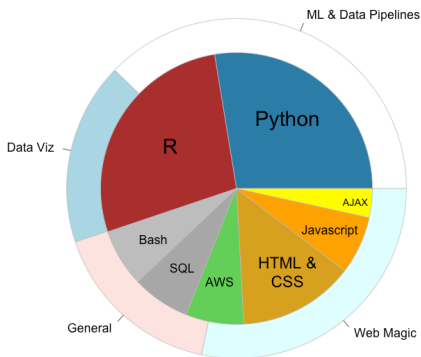## Web + Git
hillarysanders.com
recipestasher.com
github.com/hillarysanders
linkedin.com/in/hillarysanders

Hillary Sanders
Data Scientist / Software Engineer

programming

OS preference
MacOS ★★★★★
Unix ★★★★☆
GNU/Linux ★★★☆☆
Windows ★☆☆☆☆

hobbies
art!
rock climbing
board games
candy

languages
Spanish ★★★☆☆
English ★★★★★

Experience

10/16 - Now **Full-Stack Developer / Data Scientist / CEO**   recipestasher.com
Designed and built a free site that parses free-form recipe text with NLP, enabling accurate unit and servings conversion across ingredients *and* instructions. Also integrates hand-drawn art. Site is built with Python's Django framework (plus the Materialize CSS framework), hosted via AWS Elastic Beanstalk, and uses a PostgreSQL database (hosted on AWS).
*Currently also going through a software security course on Coursera.

06/13 - 07/16 **Data Scientist**   Premise Data Corporation
Premise pays people, mostly in developing countries, to gather survey data on the ground using the Premise android phone app.
Developed analytics pipelines, models, and core methodologies. Developed our core R and Python data access and data science packages for company use.
As the first data scientist and fifth employee (100+ when I left), I was lucky enough to be able to partake in many fantastic projects: calculating optimal capture volumes given restraints, clustering location data into Premise Places, development of inflation indices & PPP estimates, development and upkeep of complex weights hierarchies, bimodality and changepoint detection, development of interactive data visualization dashboards, etc.

5/12 - 7/12 **Data Analyst Intern**   Acumen, LLC
Working with Acumen's Department of Justice team, I wrote SAS programs to organize, analyze, and summarize data. I used R to create novel ways of quickly visualizing fraud-detection data through the creation of specialized graphing programs. I also created summary workbooks for Department of Justice lawyers, as well as designed a new template for future workbooks.

8/11 - 6/13 **Research Assistant**   Berkeley Roundtable on the International Economy
Worked on a project with a graduate student (Mark Huberty) which broadcasted live predictions for last year's congressional elections from a prediction algorithm which took tweets as input. I cleaned up the project's code, as well as created and visualized summary data.
Previously, I worked with the same graduate student to create an R package (leghist), which parses versions of legislative bills and outputs representations of how paragraphs have been changed/amended/deleted. I wrote the visualization portion of the package, though I was involved in all parts of production.

5/10 - 9/10 **Research Assistant**   Sara Boettiger (x-Berkeley prof.)
Mostly conducted research on public-private partnerships.

Education

2009 - 2013 **Statistics**
Environmental Economics & Policy   University of California, Berkley
GPA: 3.8
SATs: 2270 (750m, 750r, 750w)