LUKE ARMBRUSTER

Experience

Data Research Analyst (Contract)
Salesforce.com — Sep 2017 to Oct 2017, San Francisco

- Conducting in-depth market research on North American accounts using valid industry sources.
- Updating system data to improve data quality.
- Following-up on and ensuring resolution to each territory operations case.
- Running reports and dashboards to highlight account ownership changes.

Data Science Teaching Assistant
General Assembly — Apr 2017 to Current, San Francisco

- Developing curriculum, mentoring, and supporting students in the Data Science Immersive program. Specific guidance is provided to prepare students for interviews and the drawing insights from real world data using exploratory data analysis, statistical analysis, and machine learning.

Associate II
Environmental Science Associates — Apr 2014 to Apr 2016, San Francisco, CA

- Cross-functional role assisting planning, engineering, and marketing with a wide range of qualitative and quantitative analyses for clients primarily in San Francisco.
- Frequently interacted with clients to ensure needs were being adequately addressed and to improve customer experience.
- Using Excel, cleaned, wrangled, and analyzed a variety of complex data sets to report metrics.
- Provided engineering modeling, drafting support, and problem solving for impact assessments.
- Created maps for use in planning, permitting, and design documents.
- Assisted with project management and detailed technical writing of environmental impact reports.

Climate Change Research Fellow
U.S. Department of Energy — Jun 2010 to Aug 2010, Jun 2009 to Aug 2009, Berkeley, CA

- Worked with researcher Dr. Marc Fischer to verify inventory estimates of greenhouse gas emissions, primarily over Central California.
- Corrected a time varying offset in mixing ratio measurements of greenhouse gases from a precision gas system instrument to improve data quality.
- Estimated the error in wind velocity predictions from a weather forecast model and presented research findings to climate change researchers in Knoxville, Tennessee.

Contact

- lukejarmbruster@gmail.com
- lukearmbruster.github.io/
- (707) 497-9356
- San Francisco
- lukearmbruster/
- lukearmbruster

Education

Data Science Certificate
General Assembly 2017

B.S. Environmental Resources Engineering
Humboldt State University 2013

Skills

Excel (Advanced)
Python (Advanced)
Fortran (Advanced)
SQL (Advanced)
R (Proficient)
Tableau (Beginner)
Google Analytics (Beginner)