






SOPHIE BEIERS

CONTACT

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EDUCATION

MASTER'S DEGREE
Applied Statistics: Data Science
Columbia University | New York City
2017 – 2018

BACHELOR'S DEGREE
Psychology & Sociology
Pitzer College | Claremont, CA
2009 – 2013

SKILLS

- R & Shiny
- Python
- SQL
- HTML, CSS, Javascript
- d3.js, Leaflet
- QGIS
- Git/GitHub
- Tableau
- Adobe Illustrator
- Data Visualization
- Statistical Modeling
- Research & Writing

VOLUNTEER WORK

AMERICORPS TEACHER
Jumpstart, Americorps | 2012– 2013

ENGLISH TEACHER - GHANA
Cross Cultural Solutions | Fall, 2011

EXPERIENCE

TEACHING ASSOCIATE

Lede Data Journalism Program | May 2018 – Aug 2018

Assist students in four core classes of Columbia Journalism School's summer intensive on coding, analysis, and storytelling using data. Classes include: Algorithms, Python & Coding Foundations, Data & Databases and Data Analysis/Visualization.

Collaborate with instructors; support students during class and labs with Python, SQL, Leaflet, d3.js, HTML and QGIS.

SENIOR DATA ANALYST | June 2016 – June 2017

DATA ANALYST | June 2015 – June 2016

PROGRAM COORDINATOR | Mar 2015 – June 2015

YouthTruth (*The Center for Effective Philanthropy*)

Led Analyst team in analyzing student perception data to produce interactive online reports for school and district leaders looking to accelerate changes based on student feedback. Managed research projects on YouthTruth's nationally comparative dataset (~500,000 students) to gather insight for publications; topics included bullying, academic rigor and college & career readiness.

- Refined survey instruments and reports; built Python scripts to streamline processes and workflow.
- Managed product enhancement projects; bridged communication between software engineers and client facing colleagues.
- Mentored and trained junior analysts; planned resourcing for Analyst team and led weekly prioritization meetings.

RECRUITING RESEARCHER

Netflix | Feb 2014 – Feb 2015

Partnered directly with Data Science & Engineering hiring directors to develop and execute creative strategies to hire top talent. Reached out to active and passive candidates and evaluated candidates' technical and cultural fits. Successfully on-boarded candidates to technical teams.

- Prioritized, organized and efficiently managed heavy workload in order to speak to and follow up with all candidates in pipeline.
- Analyzed market's hiring trends to build out industry knowledge of competitive landscape.

MARKETING RESEARCH INTERN

PlayFirst | Jan 2013 – Dec 2013

Executed competitive analyses to keep mobile games in line with top competitors; presented results and creative ideas to company that were ultimately considered in design decisions. Created and monitored advertisement campaigns; tracked user acquisition and daily spend.

RESEARCH ANALYST

Claremont Infant Study Center | Jan 2011 – May 2013

Developed and executed [Honors thesis project](#) investigating 9-month-old perceptions of mixed-race faces. Managed experimental project start-to-finish including review of existing literature, development of experimental design and analysis of results.