

## Contact

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(LinkedIn)

## Top Skills

Public Speaking  
Instructional Design  
Data Science

## Languages

English (Native or Bilingual)  
Spanish (Limited Working)

## Certifications

Qualtrics Bronze Certification  
Outcomes Based Program  
Evaluation

## Honors-Awards

Major Merit Award: Biochemistry  
Molecular BIOSciences Doctoral  
Fellowship  
HHMI Biotechnology Grant

# Jesse Mostipak

Community Advocate @ Kaggle, Data Science + CRP Educator,  
Python + Deep Learning + TPUs Learner  
Dallas-Fort Worth Metroplex

## Summary

Community Advocate || Kaggle  
Educator || Data Science + Culturally Responsive Pedagogy  
Learning Adventures || Python, Deep Learning, and TPUs

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## Experience

### Kaggle

Community Advocate  
February 2020 - Present (7 months)  
Dallas/Fort Worth Area

### Center for Education Policy Research at Harvard University Agency Fellow

August 2018 - May 2020 (1 year 10 months)

Strengthened the capacity of Teaching Trust to use data for improvement through critical analytic initiatives designed to uncover valuable insights while simultaneously building a stronger organizational data culture.

### TCB Analytics

#### R Educator

December 2018 - February 2020 (1 year 3 months)

Developed educational training materials tailored to a wide variety of individual users, addressing variations in both skill and knowledge levels to ensure all participants progressed in their working knowledge of R.

### Teaching Trust

#### Managing Director, Data Science

August 2017 - January 2020 (2 years 6 months)

Dallas/Fort Worth Area

Analyzed complex, publicly available datasets in order to highlight bright spots, provide preliminary areas of exploration, and satisfy grant reporting requirements.

Leveraged human centered design principles to implement a centralized data infrastructure solution by building relationships between vendors, consultants, and internal staff while appropriately engaging stakeholders throughout an iterative prototype and testing process.

#### Girl Scouts of Northeast Texas

Manager, Research and Evaluation

November 2015 - November 2018 (3 years 1 month)

Dallas/Fort Worth Area

Continuously leveraged data analysis, visualization and reporting tools in R as a primary means of communicating and disseminating complex information in a comprehensive, consumable, and compelling manner, resulting in large scale organizational comprehension and buy-in.

Built both the curriculum and written education materials for Girl Scouts Academy troop leaders, a training program which was subsequently awarded 4.0 continuing education credits through the Texas Education Agency.

#### PVP Live

Director, Data Science

April 2014 - December 2015 (1 year 9 months)

Dallas/Fort Worth Area

Collaborated closely with engineering, design, and C-level staff to project manage the deployment of the industry's first multi-title esports data application.

#### NYC Department of Education

Teacher

August 2011 - August 2013 (2 years 1 month)

Conducted a comprehensive text analysis of state exams in order to develop curricula that would facilitate depth of learning without sacrificing breadth, while significantly increasing student end of year exam pass rates.

Cultivated a conducive learning environment for students by instilling work-ethic, learning potential, and self-discipline to champion course pass rates of 98% or higher.

Incorporated various practices to differentiate educational methods and meet the individual needs of students from diverse backgrounds, where students with IEPs consistently scored on par with grade level.

## New Visions for Public Schools

### Urban Teacher Resident

June 2011 - August 2012 (1 year 3 months)

Streamlined instructional methods for over-aged and under-credited students through a comprehensive analysis of the Biology Regents exam during this one year residency program.

Formulated a literacy-based curriculum that aided students with confidence levels, test preparation, and subject matter retention, resulting in an exam pass rate of 94%.

## AmeriCorps

### Intermountain Americorps - Service and Education Team

August 2002 - August 2003 (1 year 1 month)

Wenatchee, WA

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## Education

### Hunter College

M.Ed., Secondary Biology Education · (2011 - 2012)

### Montana State University-Bozeman

Immunology and Infectious Diseases · (2007 - 2010)

### Northland College

BSc, Biochemistry · (2004 - 2007)