

# David Thompson

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## Summary

A data visualization and programming nerd with a background in social policy research.

## Employment History

### **Spring 2017 – Current: Data Visualization Consultant, Self Employed**

- Design and build websites using HTML, CSS, Javascript, Bootstrap, JQuery, Vue, and D3.js
- Use R to clean, manipulate, explore and analyze data
- Tutor students in Statistics, Probability, and R Programming
- Assist PhD students with statistical programming for doctoral research.

### **2016-2017: Data Visualization Specialist at Westat**

A research firm contracting primarily with state and federal governments

- Used R, Python, and Excel to clean, manipulate, and analyze data
- Built Tableau dashboards and presentations to facilitate exploration and insight
- Built web applets using html, css, javascript, D3, Leaflet, Google Maps, and Mapbox
- Used QGIS software to produce maps, generate tile layers, and manipulate geospatial data
- Designed infographics, posters, charts, and UI elements using Adobe Illustrator, Photoshop, and InDesign
- Assisted with research and materials publication, producing resource guides on demographics estimation and data collection
- Developed and maintained a phone application for field data collection

### **2015 – 2016: Data and Policy Intern at Feeding Texas**

An advocacy and service organization working to improve food access in Texas

- Used Stata, Excel, and Tableau Desktop to analyze and manipulate data
- Assisted with various research tasks, including legislation reviews, demographic estimation, and secondary source reviews
- Used Census and HHS SNAP data to estimate the number and percentage of individuals in various areas who were eligible for but did not receive SNAP benefits.
- Presented at a state-level conference of Food Bank and HHS representatives on SNAP utilization

### **2005 – 2015: Case Manager and Assistant Director – Casa Marianella**

- Worked in various capacities to house, feed, and support homeless immigrant individuals.
- As Assistant Manager, helped with grant application, staff management, payroll, and city-level advocacy

## Education

Master of Public Affairs – The LBJ School of Public Affairs, University of Texas – Fall 2016  
Bachelor of Liberal Arts, Philosophy – The University of Oklahoma – Fall 2003  
Front-End Web Design Boot Camp – New York Code & Design Academy – Spring 2017