# Eric Keniuk

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## EDUCATION

**Master of Arts in Applied Economics**            **Graduated December 2019**

University of Alabama • Tuscaloosa, AL • Concentration in Data Analytics • GPA: 4.0
- Experience with C, SQL/Hive, SAS, Stata, R and Python coding languages for statistical analysis (descriptive and inferential)

**Bachelor of Arts in Mathematics and Economics**           **Dual-Enrollment Program**

University of Alabama • Tuscaloosa, AL • Concentration in Statistics • GPA: 3.86
- Completed BA and MA concurrently with coursework of 18-21 hrs/semester; graduated with both degrees in December of 2019

## SAMPLE WORK

### Master's Thesis
• Analysis of real estate investor effects on primary school education outcomes within the Maricopa County, AZ area
• Used R (data.table, dplyr, sf, ggplot, ggmap, etc.) to analyze over 18,000,000 observations of home sales from 1952 to 2015 and extrapolate small, medium, and large investors by home ownership volume
• Created heat maps of test scores and investors using spatial-joining to map investor density to primary school districts across the county
• Estimated effects using a fixed-effects regression model to identify investor effects on primary-level standardized test scores
• Link: https://drive.google.com/file/d/14YWYOH1xCPLc3pBy8aXuJspSJpuFzha-/view

### Machine Learning for Real Estate Values in R
• Paper titled: "Spatial Effects on Home Values in D.C."
• Exercise of k-means cluster analysis in R to estimate location effects on home values and identify established Washington, D.C. neighborhoods
• Link: https://www.dropbox.com/s/12vuklzdusd2o0n/SpatialEffectsOnHomeValue.pdf?dl=0

### Dynamic Regression R Program
• Programmed linear-regression program imitating the standard lm() function in R similarly capable of estimating a user-specified dep. variable
• Link: https://www.dropbox.com/s/pj465381vkf9oyk/Dynamic%20Linear%20Regression%20Program.pdf?dl=0

## EXPERIENCE

### Digital Organizer
**Organizing Together 2020**           **March 2020 – June 2020, Flint, MI**
• Community organizer for a not-for-profit around Flint, MI; 100% remotely via Mobilize.io, NGPVAN, Zoom, ThruText
• Developed and ran Facebook page for regional office; utilized Facebook analytics to target/refine messaging; grew page 100% organically to +250 followers/+4,500 engagements in just 8 weeks; Link: https://www.facebook.com/MIOT2020Genesee/
• 1,800 phone calls, 160 event sign ups, 55 1-on-1s, 14 active team members, 4 volunteer leaders before disbanding

### Data Analyst / Strategic Communications Intern
**U.S. Department of State**           **June 2019 - August 2019, Washington, D.C.**
• Led and managed over $500,000 in U.S.-funded, multinational diplomatic missions implemented across the Baltics and Central and Eastern Europe; interacted with members of NATO and EU governments and engaged in weekly conference calls with partners
• Analyzed large-scale social media and consumer insights datasets using R to gather information and develop targeted counter-disinformation diplomatic missions across three regions overseas; built informational dashboards using Tableau for FSO/CSOs
• Worked with data team to manage tracking methods of missions and monitor mission delivery and performance
• Worked alongside career Foreign Service and Civil Service Officers within the U.S. government's Global Engagement Center
• Procured funding worth over $1,000,000 for diplomatic missions within a 2-month deadline and delivered funding for previously postponed mission

### Staff Assistant
**U.S. House of Representatives**           **September 2018 - January 2019, Tuscaloosa, AL**
• Spoke with and provided assistance to more than 100 constituents (mostly veterans/retirees) regarding their federal casework
• Optimized Microsoft Excel datasets of constituent contact information, federal funding information, and local engagement
• Contacted +1,000 local business owners, veterans, and other constituents with important information relevant to them regarding their local representative and current federal activity in their area

### Sales Data Analyst Intern
**Priester Aviation**           **May 2017 - August 2017, Wheeling, IL**
• Provided support to both the sales and marketing divisions of Priester Aviation in the form of data analysis, cold-calling, and marketing program development
• Compiled databases from open-source and private data into single hub; filtered, and presented research data on markets to executives using Microsoft Excel reports
• Contacted over 1,300 individuals via cold calls and had a +90% follow-up rate on all contacts; grew interested-clients contact list by over 80%

## SKILLS

R, Python, Tableau, C, SQL, Hive, STATA, SAS, MATLAB, HTML; Policy Analysis; Project Management; Statistical/Data Analysis, Forecasting; Econometrics; Leadership; Statistical Analysis; Regression; Unsupervised Learning Techniques (Dimension Reduction, Data Clustering); Research; Financial/ Managerial Accounting; Diplomacy; Economic Policy; Foreign Policy; Government; Microsoft Excel, Microsoft PowerPoint, Microsoft Word