

ERIC ENGLIN
129 Franklin St
Cambridge, MA, 02139
eric_englin@student.hks.harvard.edu | 775-848-6030

Education	HARVARD UNIVERSITY, John F. Kennedy School of Government Master in Public Policy, May 2020 Technical Courses: Machine Learning for Policymakers, Econometrics I & II, Programming for Policymakers, Data Science I, Spatial Models for Social Science	Cambridge, MA
	UNIVERSITY OF WISCONSIN-MADISON Bachelor of Science in Biology, Certificate in Entrepreneurship, May 2015 Overall GPA: 3.50/4.0	Madison, WI
Experience 2019-Current	U.S. DEPARTMENT OF TRANSPORTATION, VOLPE CENTER Data Scientist Trainee <ul style="list-style-type: none">• Performed consulting and data analysis for transportation projects at various federal agencies including DOT, National Park Service, Millennium Challenge Corporation.• Conducted research and developed recommendations for federal interventions relating to topics in transportation including micromobility and e-scooters, infrastructure to aid tourism travel, and freight movement among countries in West Africa.• Created web-scraping application to collect transportation performance measures for 395 National Park Service’s park units open to the public.• Developed machine learning model intended to predict risk-levels of 500 projects being managed at any time by the Volpe Center.	Cambridge, MA
2018-Current	HARVARD UNIVERSITY, CENTER FOR PUBLIC LEADERSHIP Graduate Research Assistant <ul style="list-style-type: none">• Harvard Kennedy School research lab focusing on student achievement using behavioral insight nudges• Major duties include collecting, cleaning, wrangling, and analyzing data to determine the effects of programs and gather insights on how to improve future programs.• Conducted research and recommendations for designing new nudge techniques to be tested by lab and outside stakeholders.	Cambridge, MA
2018-Current	HARVARD UNIVERSITY, ASH CENTER FOR DEMOCRATIC GOVERNANCE Graduate Research Assistant <ul style="list-style-type: none">• Harvard Kennedy School research lab focusing on improving international development efforts through community empowerment.• Major duties include data cleaning, exploration, and analysis to understand the causal influence through randomized controlled trials of community empowerment facilitations in five Asian and African countries.	Cambridge, MA
2017-2018	PHOCUSED Program Manager <ul style="list-style-type: none">• Led City-wide effort to create a response system that coordinated over 75 local and federal providers to collectively serve the 5,000 people that become homeless each year in Honolulu, with an emphasis on families. Total system of providers represented over \$50 million in housing, shelter, and outreach contracts.• Implemented and monitored performance-based contracts for homeless services agencies for funders at local and state level. Aided homeless service programs in meeting federal requirements through contracts with HUD and the VA for helping chronically homeless and veterans.• Development of dashboards and analyses used in creating policies to address housing and family homelessness in Hawaii.• Facilitated and presented at biweekly case conferencing meetings to discuss program performance updates and generate housing plans for most difficult to house individuals and families.• Presented final program findings to key Hawaii legislators, which included one congresswoman and seven local representatives, along with the CEO of major Hawaii foundation.	Honolulu, HI

- 2016-2017 **ALOHA UNITED WAY & AMERICORPS VISTA** Honolulu, HI
Data Coordinator
- Performed and presented data analyses to be used in decision making by homeless service providers and government officials at the City, State, and Federal levels.
 - Creation of GIS dashboard through surveillance of 4,600 sheltered and unsheltered homeless individuals on Oahu.
 - Headed data collection and analysis in effort to end homelessness among 500 veterans on Oahu for the Mayor's office of Honolulu.
- 2015-2016 **MU SIGMA** Bentonville, AR & Bangalore, India
Junior Associate
- Performed consulting and data analysis for Fortune 50 retailer in Global Customer Insights & Analytics division while coordinating with multiple inter-department clients and up to 25 off-shore analysts.
 - Carried out the first ever targeted marketing campaign for this retailer with over 12 million targeted households.
 - Built a predictive model to segment customer groups and determine customer future value for more than 90 million households.
 - Creation of Tableau merchandising dashboards that were used by multiple stakeholders throughout organization to make data driven decisions.
 - 5 months in Bangalore, India on company sponsored training to develop skills in business problem solving, communication across cultures, statistics and computer programming.
- SKILLS**
- **Software:** Python, R, SAS, Tableau, ArcGIS , Hadoop, Greenplum, HIVE SQL, Excel, QGIS, Qualtrics, Mturk
 - **Analytical Techniques:** Regression modeling, clustering, random forest, lasso, ridge, support vector classification
- OTHER**
- Eagle Scout
 - Two seasons of Alaskan commercial salmon fishing experience
 - President of Harvard Kennedy School's Data Science Club