Cameron Reaves

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EDUCATION

HARVARD UNIVERSITY   Cambridge, MA
Concentration: Environmental Science and Public Policy, GPA: 3.58/4.00   May 2021
Secondary: Computer Science
Data Science Coursework: Intro to GIS, Using Big Data to Solve Economic Issues, Data Science (R), Data Science 1 (Python), Human and Environmental Data Science (Matlab), Data Analysis and Politics

LAMBERT HIGH SCHOOL   Suwanee, GA
GPA 4.4/4   ACT 35   SAT 2310   Senior Class President   May 2017

DATA SCIENCE SKILLS

Computer Languages: ArcGis, Python + Pandas / Scikit-Learn, R + Tidyverse, UNIX Bash, Matlab, Stata, SQL
Github: https://github.com/cameronreaves
Blog: https://musing-aryabhata-c0efba.netlify.com/
Final Project Website: https://cameronreaves.shinyapps.io/net-migration/

EXPERIENCE

SkyTruth   Remote
Geospatial Analyst Intern   Jan 2021 – May 2021
- Will work with Sentinel-1 and Sentinel-2 satellite imagery to detect environmental anomalies
- Will use tools like QGIS for GIS analysis - Javascript for web applications

BLUEBONNET DATA   Remote
Fellow   August 2020 – December 2020
- Trained with political data methods include census data, the voter file, and VAN
- Served as volunteer data analyst for the Kelly Rose campaign for GA State Senate during 2020 cycle
- Provided analyses and insights to help the campaign more efficiently target voters, place Facebook ad buys, understand their district demographics, analyze early voting returns

HARVARD T.H. CHAN SCHOOL OF PUBLIC HEALTH   Cambridge, MA
Research Assistant   May 2019 – August 2019
- Awarded $3,200 Fellowship from the Harvard University Center for the Environment
- Analyzed dataset with over 7,000,000 observations to provide insight into faulty sensor devices
- Assisted with 2 experiments funded by a $300,000 grant from WeWork to explore the link between creativity and temperature

LEADERSHIP & ACTIVITIES

GOVERNMENT 50: DATA   Remote
Course Assistant   August 2020 – September 2020
- Helped over 180 students understand how to think with data
- Graded problem sets on statistics, machine learning, R programming and the Tidyverse
- Organized speaker series

CODE FOR AMERICA - BOSTON BRIGADE   Cambridge, MA
Open Source Contributor   May 2020 – September 2020
- Integrated Flask-Restful API into Charles River Watershed Association's flagging website (Flask backend)
- Wrote tests in Pytest, data manipulation in Pandas (Python)

HARVARD UNIVERSITY SUSTAINABILITY RESOURCE EFFICIENCY PROGRAM   Cambridge, MA
Leverett House Representative   December 2018 – May 2020
- 1 of 16 Sustainability Representatives that work within the Harvard University Office for Sustainability
- Acts as liaison between the Office of Sustainability and the residential dorm Leverett House (which comprises over 600 students)