OLIVER C. STRINGHAM

PhD, Scientific Researcher & Data Scientist

I apply scientific rigor and curiosity to solving data science problems.

PROFESSIONAL EXPERIENCE

2019 | present

Postdoctoral Research Associate
The University of Adelaide 📍 Adelaide, Australia
- Applied data science principles to researching wildlife trade
- Coded over 80 webscrapers to collect data of online wildlife trade
- Created/maintained MySQL database of >2 million records for wildlife trade
- Created Flask web application for Australian gov't to query database

2015 | 2018

PhD Researcher & Teaching Assistant
Rutgers University 📍 New Jersey, USA
- Researched the online pet trade of reptiles and their invasion risk
- Taught courses: General Biology, Ornithology, Plant Ecology

2015

GIS Research Assistant
New Jersey Depart. of Fish & Wildlife 📍 New Jersey, USA
- Performed spatial analyses for endangered species programs.
- Used python to automate GIS processes previously done manually.

2015

GIS Research Assistant
Harbor & Estuary Program, Hudson River Foundation 📍 New York, USA
- Performed spatial analysis of public access to waterways around NYC/NJ.

EDUCATION

2018

Rutgers University
PhD in Ecology & Evolution 📍 New Jersey, USA

2014

Rutgers University
BS in Environmental Science 📍 New Jersey, USA
Certificate in GIS 🌐

SELECTED PUBLICATIONS

2021

Text classification to streamline online wildlife trade analyses
PLOS ONE https://doi.org/10.1371/journal.pone.0254007

Stringham O, Moncayo S, Hill K, Toomes A, Ross J, Mitchell L, Cassey P

2021

Reptile smuggling is predicted by trends in the legal exotic pet trade
Conservation Letters https://doi.org/10.1111/conl.12833

Stringham O, García-Díaz P, Toomes A, Ross J, Mitchell L, Cassey P

2020

A guide to using the internet to study the wildlife trade
Conservation Biology https://doi.org/10.1111/cobi.13675 (PDF)

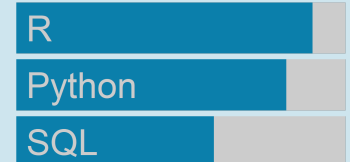**Stringham O**, Toomes A, Kanishka A, Heinrich S, Ross J, Mitchell L, Cassey P
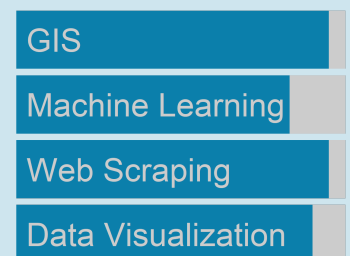

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🅶 Google Scholar

For more information, please contact me via email.

LANGUAGES

R
Python
SQL

SKILLS

GIS
Machine Learning
Web Scraping
Data Visualization

Last updated on 2021-11-02.

*This resume was made with the R package **pagedown**.*