

OLIVER C. STRINGHAM

PhD, Scientific Researcher & Data Scientist

GIS, Machine Learning/Statistics, SQL Databases, R, python

PROFESSIONAL EXPERIENCE

- 2019
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present
- Postdoctoral Research Associate**
The University of Adelaide Adelaide, Australia
 - Applied data science principles to researching wildlife trade
 - Coded over 80 web scrapers to collect data on wildlife trade
 - Created and maintained MySQL database of >2 million records for online wildlife trade
 - Supervised PhD students
 - 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
 - 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.
 - 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
Certificate in GIS New Jersey, USA

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



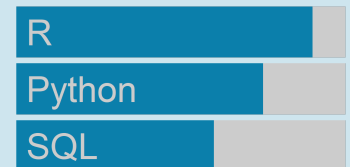
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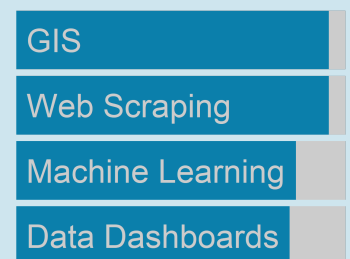
[Google Scholar](#)

For more information, please contact me via email.

LANGUAGES



SKILLS



Last updated on 2021-08-26.