DANIEL B. TURNER

🎓 EDUCATION

current
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2018

PhD Candidate, Entomology and Ecology, Evolutionary, and Behavior

Michigan State University   📍 East Lansing, MI

2018
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2014

B.S., Environmental Science & Spanish Language, Literature, and Linguistics (minor: Biology)

Temple University   📍 Philadelphia, PA

👥 WORK EXPERIENCE

current
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2018

Graduate Researcher

Michigan State University   📍 East Lansing, MI

- Built relational database of 10,000s of plant chemicals using R, SQL, and cloud-based data management
- Developed Bayesian and non-Bayesian hierarchical regression models for short time ecological time series
- Co-taught graduate seminar in time series analysis, taught introductory statistics and biology to 160 non-STEM undergraduates, will be teaching assistant for graduate statistical modeling course in Spring 2022
- Accolades: Fulbright Open Research Finalist, National Science Foundation Graduate Research Fellowship Honorable Mention

2018
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2015

Undergraduate Research Assistant

Temple University   📍 Philadelphia, PA

- Developed coding workflow and package (see below) to produce individualized stakeholder reports and published academic paper in top 4 journal in the field (project continued into graduate school).
- Ran genetic and audio analyses to discover a new species of toad in the Dominican Republic

🖥 SOFTWARE DEVELOPMENT

_c4bi_: Coding for broader impact

R package leveraging ecologists' programming skills for effective stakeholder communication.

Data science blog

Personal project portfolio covering:

- Natural language processing with machine learning, integrating R Shiny into data collection workflows, data vizualization
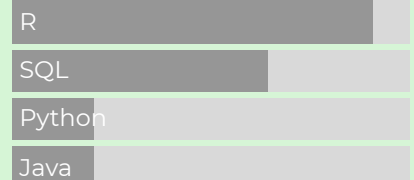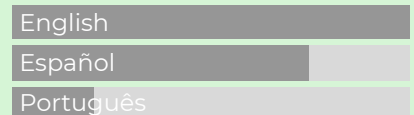

⬇ Full Curriculum Vitae here

CONTACT

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✉ danturner137@gmail.com

🐙 github.com/dbturner

CODING SKILLS

R

SQL

Python

Java

LANGUAGES

English

Español

Português

Made with the R packages pagedown and datadrivencv.

The source code is available on github.com/dbturner/cv.

Last updated on 2021-08-08.