

Daniel Eaton

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DATA SCIENTIST, TEACHER, LIFELONG LEARNER

After years of practice in interdisciplinary teaching, my desire for challenging work, built on learning, led me to data, and to Nashville Software School. This chapter is just the beginning, and I look forward to the road ahead with the right team.

EXPERIENCE

Nashville Software School, on-campus and online

Data Science Bootcamp SEPTEMBER 2020 - JUNE 2021

In-depth Python and R, DS environments, curation and management, ML, NLP, etc. Numerous team and independent data projects and demonstrations (12 in-class hours per week)

Statistics for Data Science 6-WEEK COURSE

EDA, probability concepts and distributions, experiments and significance tests, regression analysis

Analytics Jumpstart 3-WEEK INTRO

Python, pandas, Jupyter Notebooks; presented original and team analysis on public datasets

Gateway Academy, Brentwood, TN — *Teacher and Tutor*

JANUARY 2015 - PRESENT

Designing individualized curriculum based on psycho-educational reports, tracking progress in science, math, art; started a music program.

Triage Partners, Middle TN — *Junior OSP Engineer*

JUNE - AUGUST 2016 (Seasonal Contract)

Designed fiber networks optimized for compliance, performance, maintenance and cost, overlaid on public records in BST-CAD for install.

The Arc of San Diego — *Job Coach*

JANUARY 2012 - APRIL 2014

Supported adults with disabilities in varied contract settings, providing training, assistance and case-related communications with employers.

EDUCATION

Nashville Software School

Analytics, Statistics, Data Science

FEBRUARY 2020 - JUNE 2021

Belmont University

Nashville, TN

Bachelor's in Music Ed.

AUGUST 2004 - DECEMBER 2009

SKILLS

RStudio, tidyverse, ggplot, Python, pandas, Jupyter, SQL, PostgreSQL, Neo4j, machine learning, scikit-learn

Positive relationships with leadership, peers and direct reports

Aptitude and enthusiasm for learning, organizing and communicating ideas

PROJECTS

WellLearner - RShiny app exploring mental health among student populations (solo development):
<https://github.com/dajaea/WellLearner>

Python Geospatial Demo

Recommendations for TN earthquake preparedness:
<https://github.com/nss-data-science-cohort-4/dq3-earthquakes-amdquake>

COVID-19 in Nashville - Business violations and infection rates:
<https://github.com/nss-data-science-cohort-4/dq4-covid-nashville-coded-19>