

Ben Perry
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benperry.org

EDUCATION

University of Kansas, Lawrence, Kansas
BA: Ecology, Evolution and Organismal Biology
Minor in Geology

Aug 2017 - May 2021

GPA: 3.7

WORK EXPERIENCE

Forensic Scientist, *Quest Diagnostics*

June 2021 - Present

- Screening hundreds of samples per day in the Substance Abuse Testing Lab. Wrote Powerterm scripts to increase my production output and reduce daily errors. Contributed to the creation of a database to streamline the workflow of multiple departments.

Collections Assistant, *KU Biodiversity Institute*

Fall 2018 - May 2021

- Prepared plant fossil specimens to be stored in the paleobotanical collections, cut the specimens, and used the cellulose acetate peel method to prepare for storage. Curated database of over 250 fossil palm specimens for future research.

Core Library Assistant, *Kansas Geological Survey*

June 2018 - Jan 2020

- Retrieved, processed, inventoried and archived geological materials. Maintained and updated a database containing over 100,000 geologic records. Cut, polished, and photographed specimens.

PERSONAL PROJECTS

Fast Food Projects, *Self-Guided*

- Used APIs to gather menu data on 99% of McDonald's U.S. locations
- Scraped websites to gather location information on most major fast-food chains
- Created interactive maps to visualize data and highlight comparisons

Airport Runway Alignment WIP, *Self-Guided*

- Mapping worldwide airports to see which pairs of runways can be flown between without turning.
- Using open-source databases to determine locations and angles of runways
- Currently creating a map to visualize data

Google Data Analytics Certificate, *Coursera*

- Validated and strengthened skills pertaining to data processing, visualizing, and presenting

100 Days of Code, *udemy*

- Various Python coding projects to strengthen fundamentals

EXPERIENCE

Python/Jupyter and R

- Datamining, data processing, data visualization
- Statistical Analyses with R

Tableau

- Data visualization and presentation