
Joseph Ben Perry

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benperry.org

SKILLS

Comfortable with big data. Fluent in Python, Javascript and SQL. Learning Java and Rust.
Frontend: JS/HTML/CSS, Svelte. Backend: Django and Flask, MySQL.

PERSONAL PROJECTS

Dragon Warrior Monsters Reverse Engineering - Python, JS/HTML/CSS

- Reverse engineered game data to make a game save editor for Dragon Warrior Monsters for the Game Boy Color. Learned basic assembly to understand the machine level code.

Fast Food Location Menu Data Mining - Python, Pandas, APIs

- Reverse engineered fast food brands APIs to query the restaurant-level data for most fast food brands in the United States.
- Restaurants include McDonalds, Sonic, Chipotle, KFC, and over 10 more.

WORK EXPERIENCE

Forensic Scientist - *Quest Diagnostics*

JUNE 2021 - MAY 2022

- Wrote Powerterm scripts to increase production and reduce errors for the team. Contributed to the creation of a database to manage and streamline workflow across departments
- Processed thousands of urine samples per day while meeting production and accuracy metrics.

Collections Assistant - *KU Biodiversity Institute*

SEPTEMBER 2018 - MAY 2022

- Curated database of hundreds of fossil palm specimens. Prepared paleobotanical fossil specimens for archival and display.

EDUCATION

Ecology, Evolution and Organismal Biology - *University of Kansas*

August 2017 - MAY 2022

3.7 GPA. Minor in Geology. Co-founded the Foster Love Scholarship raising over \$2,500 to help foster youth on campus.