MYLES SOLADINE

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EDUCATION

Indiana University - Bloomington, IN — May 2024
Luddy School of Informatics, Computing, and Engineering — **GPA:** 3.562
Major*: Bachelor of Science in Informatics*
Minor: *Computer Science*
Minor: *Human Centered Computing*

EXPERIENCE

Platform Engineer Intern - Kohl's — June 2023 - August 2023
Python | Apache | SQL | Google cloud

- Developed a key-monitor application to assist the tracking of software products.
- Worked with a balance team of other engineers to improve communication skills
- Made use of Gitlab pipelines, Apache Airflow, and SQL to automate the application's use

Indiana University Undergraduate Instructor — August 2022 - Present

- Assisted in teaching students in Python
- Ran lab sessions and explained concepts
- Offered office hours to students to assist with programming questions

PROJECTS

Cloud Service Natural Language Translation Model — September 2021 – May 2022
Python | Matplotlib | Pandas

- Compared the benchmark efficiency of cloud service providers such as AWS and Google by testing Natural Language text-translation Api's
- Developed model using Python and produced the data visualization using Matplotlib and Pandas
- Analyzed the data collected and made conclusions about the quality of cloud providers

Initialized a web database using Structured Query Language and PHP — April 2022
Formed PHP script to connect to a database, and SQL to create query's that showed data for the user.

Conducted hurricane predictions using machine learning model's — April 2023

- Developed code in Python using KNN classifiers to predicting storm totals and position
- Used real data from NOAA to train our teams model
- Used Matplotlib to produce data visualization showing our results.

Developed a robot to test the level of dangerous metals in a rooms air quality — March 2022
Employed a prototype robot that was controlled by an Arduino Uno. C++ was used to command a list of components including an air quality sensor, lcd screen, piezo.

- Design of the prototype was completed using Autodesk fusion 360
- Responsible for understanding the electrical connections.

Design of a website for Eatzo Concessions — June 2021
Used HTML, CSS, and Javascript to develop a functional website.

TECHNICAL SKILLS

Programming Languages: Python, Java, SQL, Javascript, HTML5, CSS, PHP
Platforms: Microsoft Windows, Mac OS, Unix, Google Cloud, Apache Airflow, Flask