

ANIKET DIXIT

847-387-9480 | anidixit@umich.edu | [Personal Website](#) | [LinkedIn](#) | [Github](#)

EDUCATION

University of Michigan

Bachelor of Science in Computer Science, Bachelor of Science in Linguistics

Ann Arbor, MI

May 2025

- GPA: 3.7/4.0
- Relevant Courses: Data Structures and Algorithms, Computer Organization, Syntax, Introduction to Artificial Intelligence, Computational Linguistics, Databases, Cryptography

TECHNICAL SKILLS

Languages: Python | C/C++ | SQL (PostgreSQL, Oracle) | Javascript | CSS/HTML | Assembly

Frameworks: Jupyter | Sci-Kit Learn | Spring | Tableau | MATLAB | PyTorch | Agile

Developer Tools: Git/Github | PyCharm IDE | VSCode | Conda | Docker | Apache Spark

Libraries: pandas | NumPy | Matplotlib | NLTK | Spacy | BeautifulSoup | JSON | React

WORK EXPERIENCE

University of Michigan Museum of Paleontology

October 2021 – June 2022

Data Analyst

Ann Arbor, MI

- Developed a Python script to extract metadata from 5,000+ CT fossil scans, improving database efficiency by 35%.
- Created 20+ high-fidelity photogrammetry models by merging 1,200+ specimen photos using MeshLab and RealityCapture.
- Assisted in cataloging 500+ fossil specimens and using advanced analytics to predict specimen sample growth with Tensorflow.

PROJECT EXPERIENCE

Quiz Bowl Parser | Wikipedia API, Python, Flask, JavaScript, HTML, Linux/Bash

August 2023 – Present

- Deployed a full stack Quiz Bowl application to over 20 students on Heroku, enhancing practice and tournament preparation.
- Parsed and organized 150,000+ quiz bowl entries into JSON for efficient delivery and display.
- Developed a backend with Flask and a dynamic frontend with JavaScript to allow for better usability.

Music Predictor RNN | Python, Docker, LIME, PyTorch, TensorFlow Keras

February 2024 – April 2024

- Implemented deep learning with PyTorch to classify song lyrics by artist, achieving 85% training and 80% test accuracy.
- Utilized Docker for containerization, reducing deployment time by 30%.
- Integrated machine learning functionality using TensorFlow Keras for preprocessing text data and LabelEncoder for efficient label encoding, leading to a 20% improvement in model training efficiency.

EcoData Heatmap Project | Python, Tableau, Apache Spark, QGIS, Fiona, MySQL, Microsoft Excel

February 2023 – April 2023

- Extracted 200,000+ points of environmental data and created a Tableau heatmap model within a team-based Agile project.
- Merged 30+ geospatial shapefiles using QGIS, Apache Spark, and Fiona to write GIS information.
- Collaborated with professors and other students to gather improved temperature measurements, improving accuracy by 20%.

LEADERSHIP

Inter Cooperative Council

August 2023 – May 2024

Financial Board Representative

Ann Arbor, MI

- Oversaw the allocation of a \$1,000,000+ budget for facilities and safety maintenance with 25 board members.
- Collaborated on an energy reserve plan, reducing overall energy consumption by approximately 23%.
- Employed my communication skills and decision making to inspect and assess 20+ ICC properties in line with state law

RESEARCH EXPERIENCE

Department of Classical Studies

August 2024 – Present

Research Assistant

Ann Arbor, MI

- Reviewed translations from 134 primary Latin sources, providing accurate feedback for academic research.
- Modified and used a basic RESTful API to collect grammatical information from the Perseus Digital Library
- Edited 50+ footnotes on a translation of *De Verborum Significatu* by Festus to provide addition information to future readers