Nicholas Steiner

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nicholasjsteiner.com

Computer Science senior skilled in the use of machine learning algorithms, database techniques, and statistical analysis to efficiently gather requirements and develop data-driven solutions. Quick learner with a proven ability to adapt to new tools and methodologies. Strong team leader and collaborator with communication and multitasking abilities.

Experience:

Data Science Intern

Lincode Labs, Detroit, MI   October 2023 - Present
- Train, deploy, and monitor computer vision models for automated visual inspection
- Utilized OpenCV and Python to develop a pipeline to measure objects in real time
- Designed an anomaly detection pipeline using PyTorch, streamlining model training
- Communicate with clients through requirement gathering, development, and integration

Technical Skills:

Programming Languages: Python, SQL, Java, C++
Machine Learning: PyTorch, TensorFlow, scikit-learn
Data Analysis: NumPy, pandas
Software Development: Docker, Microsoft SQL Server, Android Studio, PyQt

Projects:

Healthy Foods Classifier:
- Built an ML pipeline using Python and scikit-learn to classify the healthiness of foods
- Curated a comprehensive dataset of 221 foods and their nutritional information
- Improved on an existing solution by achieving an accuracy of 90.7%

Food Junkie - Android App:
- Collaborated with others to create an Android application using Java to store recipes
- Utilized SQL to query recipe tables, enabling search and filter functionality
- Designed a feature using XML that allows users to add their own recipes

Education:

Bachelor of Science, Computer Science; GPA: 3.93   Expected Graduation: May 2025
Oakland University, Rochester, MI

Achievements:
- Oakland University President's List
- Oakland University Gold Presidential Scholar Award