

# Zachary K. Smith

10391 Old Dayton Rd. New Lebanon OH 45345 | 740-405-4219 | ezke.smith@gmail.com | smthzch.github.io

## Mission

To execute advanced research involving machine learning, data science, and algorithm development for Geospatial, Signal Processing, and Pattern Recognition problems.

## Experience

### Machine Learning Research Engineer

*Matrix Research* | Beavercreek, OH | January 2024 - Present

### Senior Machine Learning Engineer

*Aclima* | Remote | February 2023 - December 2023

### Data Scientist

*NCX* | Remote | April 2021 - November 2022

### Data Scientist - Research Engineer

*Aptima Inc.* | Fairborn, OH | November 2018 - April 2021

### Associate Computational Biologist

*UES Inc.* | WPAFB, OH | June 2017 - November 2018

### Hydrology Technician

*Miami Conservancy District* | Dayton, Ohio | October 2012 - June 2017

## Education

### M.S. Applied Statistics

*Wright State University* | Dayton, Ohio | December 2018

### B.S. Earth Science, Minor Soil Science

*California Polytechnic State University* | San Luis Obispo, California | June 2012

## Skills

- **Programming:** Python, R, C/C++, C#, SQL, Bash
- **ML Frameworks:** Scikit-Learn, PyTorch, NumPyro
- **Infrastructure:** Docker, GCP, AWS