Zachary K. Smith

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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 | Fairborn, OH | November 2018 - April 2021

Associate Computational Biologist

UES | WPAFB, OH | June 2017 - November 2018

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