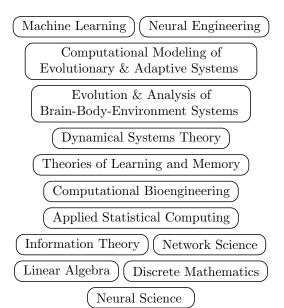zlaborde@iu.edu

Zachary Laborde

zacharylaborde.com

Highly motivated research scientist with expertise in neuronal development and learning, seeking to leverage knowledge of brain development and learning mechanisms to advance the field of machine learning and contribute to innovative solutions for complex problems.
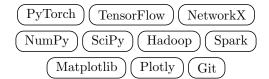
Coursework

Machine Learning   Neural Engineering

Computational Modeling of Evolutionary & Adaptive Systems

Evolution & Analysis of Brain-Body-Environment Systems

Dynamical Systems Theory

Theories of Learning and Memory

Computational Bioengineering

Applied Statistical Computing

Information Theory   Network Science

Linear Algebra   Discrete Mathematics

Neural Science

Software

PyTorch   TensorFlow   NetworkX

NumPy   SciPy   Hadoop   Spark

Matplotlib   Plotly   Git
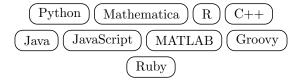
Skills

Python   Mathematica   R   C++

Java   JavaScript   MATLAB   Groovy

Ruby

Education

Indiana University Ph.D. Student in Cognitive
Science & Neuroscience (coursework completed)
Aug. 2021 - Present
Xavier University of Louisiana B.S. in
Psychology Aug. 2013 - May 2017

Publications and Conferences

Research Experience

Work Experience