The overall flow of the Machine learning based attack on logic locking is:

- Understanding Boolean Logic and designing digital circuits
- Basics of Neural Networks (MLP and CNN) and their implementation in pytorch
- Coding in Python and usage of different python packages
- Utilization of online library and strategy for reading science report papers
- Communication skills developed as researching with other students, mentor, and professor

Professor Nuzzo’s research group focuses on analyzing different attacks on hardware to understand the can's and cannot's of these attacks, bring out the limitation of current defense techniques to offer directions for future research on mitigating the attacks on hardware.