

# I-DeepLearn Workshop

June 21-25, 2021 8:30 AM EST – 4:30 PM EST

Organizer: Dr. Behnaz Ghoraani

Sponsored by Florida Atlantic University and the National Science Foundation



	Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:00am	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks	Opening Remarks
9:00-9:55am	Workshop Introduction	Intro to Machine Learning	Multilayer Neural Networks	Continue Module 4 Coding MNNs	Work on final projects
10:00-10:55am	JavaScript Part 1	Perceptron Architecture	Improving MNNs		
11:00-11:55pm	JavaScript Part 2	Gradient Descent Learning	Tensorflowjs		Prepare Final Presentations
12:00-12:50pm	Lunch	Lunch	Lunch	Lunch	Lunch
1:00-2:00pm	Jeanmarie Gilberto: WIE experience at FAU & Dr. Behnaz Ghoraani: Improving Healthcare by AI	Dr. Raquel Assis: Applications of Machine Learning to Genomics	Dr. Michael DeGiorgio: Learning About Ancestry from Genomic Data	Dr. Xiangnan Zhong: Introduction for Intelligent Robots	A panel with your TAs: Experience as a CS/CE/EE major
2:00-3:00pm	JavaScript Part 3	Implementing Simple Neural Network in JavaScript	Datasets	Module 5 Introduction	Final Project Presentations
3:00-4:30pm	JavaScript Part 4		Coding MNNs	Plan Final Projects	Final Remarks