

Courses after Data Science

Amongst others

- Applied Machine Learning - *Python* (Silva)
- Fundamentals of Machine Learning - *Python* (Silva / Zare / Bu)
- Introduction to Biomedical Image Analysis - *MATLAB* (Sarder)
- Neuro-AI - *Python* (Saxena)
- Neural Networks and Deep Learning - *probably Python* (Principe)

Some of the Professors doing Machine Learning Research at UF ECE

- **Jose Principe** - Time Series, Neural Networks, Adaptive Systems
- **Alina Zare** - Machine learning, pattern recognition, remote sensing, artificial intelligence, image processing
- **Joel Harley** - Signal processing, data science, acoustics, non-destructive evaluation, structural health monitoring, speech processing
- **Shreya Saxena** - Computational neuroscience, data science, machine learning
- **Damon Woodard** - Biometrics, artificial intelligence, applied machine learning, computer vision, and natural language processing
- **Yuheng Bu** - Machine learning, information theory, and signal processing, with applications to fair/trustworthy machine learning, uncertainty quantification, and anomaly detection
- **Catia Silva** - Machine learning, signal processing, pattern recognition, computational neuroscience, cognitive science
- **Karim Oweiss** - Sensorimotor integration, computational and systems neuroscience, brain-machine interfaces
- **Sanjeev Koppal** - Computer vision, computational photography, sensors, optics, image/video processing
- **Jahidul Islam** - Robot Perception; Machine Vision; Underwater Robotics

Projects for Undergraduate Research at UF ECE

- <https://www.eng.ufl.edu/graduate/about-us/undergraduate-research/research-projects/electrical-and-computer-engineering/>